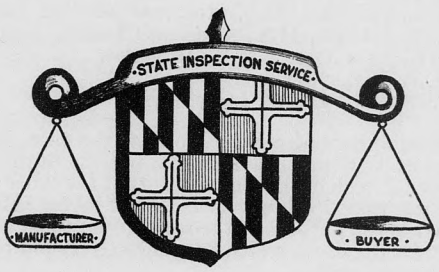
Control Series—Published Quarterly March Issue, 1926—No. 117

Commercial Feeding-Stuffs

This bulletin constitutes a report of the feed control work carried on from January 1, 1925, to January 1, 1926. It is intended to furnish Maryland feed buyers with information as to the quality of the $5,000,000 worth of feeds which they annually purchase.



STATE FEED INSPECTION SERVICE
Controlled by
UNIVERSITY OF MARYLAND
COLLEGE PARK, MD.

Entered at College Park (Md.) Post-office as Second-Class Matter.

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L. H. VANWORMER, M.S., *Assistant Chemist.*
A. L. FLENNER, M.S., *Assistant Chemist.*
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The inspection, analysis and control work of the feed, fertilizer and lime trade is carried on by the State Department, but the State Department is so related to the chemical work of the University that the other men of the Chemical Staff who are mentioned below may be called on for help in time of need; and, furthermore, it is the purpose of the majority of this Chemical Staff to be carrying on some investigations which bear directly or indirectly on the properties of lime, feed and fertilizer.

CHEMICAL STAFF

N. E. GORDON, Ph.D., *Head of Chemistry Department.*

Physical Chemistry

M. R. HARING, Ph.D., *Asso. Professor*
H. M. WALTERS, B.S., *Assistant.*

Organic Chemistry

M. KHARASCH, Ph.D., *Professor.*
M. J. HORN, B.S., *Assistant.*

Inorganic Chemistry

D. LICHTENWALNER, M.S., *Instructor.*

Agricultural and Food Chemistry

L. B. BROUGHTON, M.S., *Professor.*
M. LEATHERMAN, M.S., *Assistant.*

Industrial Chemistry

R. CALVERT, Ph.D., *Professor.*
H. G. CLAPP, B.S., *Assistant.*

Analytical Chemistry

R. C. WILEY, M.S., *Asso. Professor.*
CHARLES WHITE, M.S., *Assistant.*

INTRODUCTION

The Feed Inspection Work performed from January 1, 1925, to January 1, 1926, and conducted in accordance with the law regulating the sale of commerical feeding-stuffs, consisted in the registration of brands to be offered for sale, the inspection of methods of labeling and selling, and collection and analysis of official samples and the prosecution of those parties who have been found responsible for violating the law.

To establish the correctness of the feed manufacturer's guaranty, official Inspectors collected 1,242 samples of commercial feeding-stuffs, covered by approximately 1,261 licenses. These samples were taken from freight stations, dealers' warehouses, etc., in nearly every town and city in Maryland. From the 1,242 samples secured 1,226 were subjected to complete chemical and microscopical examination. Separate reports were made to the manufacturer, dealer and when possible the feeder.

Operation of the Law

The majority of the feeds sold in Maryland during 1926 have been marketed in compliance with the law. Numerous minor violations relative to errors in tagging, statement of net weight, etc., have been corrected. We have found 323 consignments of feeds offered for sale upon which registration requirements had not been previously satisfied. It seems that certain manufacturers have imposed upon our spirit of leniency to the extent of applying for licenses only after notification from us that our inspectors had reported shipments of their unregistered products. This has forced the department to adopt the policy for 1926 of holding all local dealers responsible for registering all unlicensed materials found in their possession. Nineteen consignments of misbranded or adulterated feeds, representing goods manufactured in Maryland, were found. Parties responsible for the sale of these goods were prosecuted and where constructive criticisms were ignored licenses were revoked.

Rebates to the extent of approximately $916.80 have been made by manufactures to dealers who in turn have prorated this to their customers. Although this practice shows the good intention of the manufacturer, it has no direct bearing on the disposition of the case.

Federal Violations Established Through State Cooperation

The attention of the feed manufacturer and consumer is respectfully called to the fact that feed control officials of the various states serve in a somewhat dual capacity. Not only are they the operatives thru which the requirements of their own state law are enforced, but they also may operate under

the Federal Food and Drug Act, such authority being vested in them by Section 5, of the above mentioned Federal Law. This applies only to goods shipped in interstate commerce and affords the opportunity of protecting local trade by proceeding direct against the out-of-state shipper or the party directly responsible for the offense committed. Thirty-two consignments of feeds which in some manner appeared to violate the Federal Law were referred to the proper officials for their consideration. During 1924 there were 44 of these cases, representing a decrease of 12 for the year 1925. Apparently certain manufacturers are becoming convinced that more time and consideration should be taken to establishing guarantees than has been exercised in the past.

However, when one takes into consideration the volume of feed sold annually in Maryland, comparatively few major violations of the law are committed. Where shortages have been found existing, manufacturers have made every possible effort to discover and eliminate the causes of such deficiencies. The Feed Inspection Service wishes to publicly and appreciatively acknowledge the commendable spirit in which most of the feed trade have cooperated in the effort to keep the market free from deficient goods.

Illegal Practices Encountered

Investigation into the manufacture and sale of feeds during the past year reveals certain illegitimate practices. It is not our intention to enter into an exhaustive discussion on the subject of feed sophistication, but merely to cite a few examples encountered by this department in the ordinary discharge of its duties.

Over Declaration of Protein

The principal violation encountered was, as it has been in the past, an over declaration of protein on sacks covering the high protein concentrates, together with certain dairy, horse and poultry feeds. Parties responsible for the manufacture and sale of these shipments have all been dealt with as prescribed by our law. Not infrequently short weight shipments have been encountered either as a result of the practice employed in some establishments of weighing gross for net or because of careless or deliberate short weighing.

Incorrect Statement of Ingredients

During the year just past 107 consignments of feed were found which were misbranded in that the material within the sacks differed in certain respects from the declaration of ingredients warranted by the manufacturer. In this connection, a very common practive is the use of inferior grains. Grains of a damaged nature like corn have often been found used in proprietary mixtures. Wheat consisting of weavel cut, immature or otherwise damaged grains have been noted. Soy

bean meal, peanut meal, etc., have been declared and their presence not established. Reground oat feed, oat clipps and ground grain screenings have been found whose presence was not certified to be noted therein. Several shipments of misbranded and adulterated meat by-product feeds were brought to the attention of federal authorities. These were found to be not only deficient in protein, but to contain varying amounts of hoof and horn meal. The ingenuity of this adulteration is apparent when one considers the fact that these two products contain nitrogenous substances, other than proteins, which have no feeding value and whose presence must be established with the aid of the microscope.

Feed Accessories

Certain manufacturers have been widely exploiting the presence of vitamins in their feeds. They have seized upon the popularity of these substances to widely advertise and sell feeds of average, or sometime below the average, quality. Feeders should bear in mind the fact that a varied ration including generous quantities of roughage will supply sufficient amounts of the vitamins for the welfare of the average animal.

Screenings

Screenings consist of the small imperfect grains, weed seeds and other foreign material separated in cleaning grain. They vary widely in both chemical and physical composition. According to the use of this term by the trade, unless bought on sample, one may expect to receive a product consisting of nutritious weed seeds and broken grains, or a product taken from the blower and consisting principally of chaff; in other words there has been no standard or grade for this product adopted.

Many dairy feeds are found on the Maryland market containing grain screenings, and while it is realized that all by-products should be utilized whenever possible, the presence of viable weed seeds constitutes a menace to the farmer. Also the inclusion in molasses feeds of elevator dust, sweepings, hulls of various kinds and other fibrous material under the guise of ground and bolted grain screening is a practice that will not be tolerated. In justice to the manufacturer, it must be said that he will not manufacture a feed for which there is no market, but as long as the feeder will buy cheap and low grade feeds, and pay a price for them out of all proportion to that asked for a high grade feed, they will be continued to be made and offered for sale.

Free Analysis

Under the feeding-stuff law of Maryland the Inspection Service is charged only with the analysis of samples taken by its own inspectors. During the year 1925, however, 216 different analyses were made for residents of the State, representing in the majority of cases, stock purchased by them for

their own use. The laboratories of the department endeavor to so organize their work that reports of such samples shall be in the hands of senders not more than 10 days after their reception at College Park. The object of the purchaser is to satisfy himself as to whether he has obtained goods of the grade represented. He may also obtain evidence upon which to base a claim for shortage should the material not meet their guarantees. Although many of these samples undoubtedly represent the goods in question, the results of the examination are not published because the department cannot definitely certify to the authenticity of the sample. It is evident that if the sampling has been improperly performed, the inclusion of such results would be unfair and misleading. Frequently, moreover, residents do not furnish sufficient information as to the source, brand, guarantees, etc., to make the publication of the results obtained of public benefit. It naturally follows then that a satisfactory adjustment is seldom effected on an unofficial sample. However, if the correspondent's sample indicates misbranding or adulteration, an official sample is always taken by department representatives and a recheck made. While there has been some objection made to the practice of analyzing samples for individuals, this work will be continued so long as there is evidence that it constitutes a useful service.

It should be borne in mind that this department cannot perform work in such volume or with such frequency as to exercise a systematic control over purchase. This clearly encroaches upon the territory of the commerical laboratory.

TABLES

The following pages contain a detailed report of the results obtained in the inspection of feeds from January 1, 1925, to January 1, 1926. Feeds are considered seriously deficient as regards chemical analysis when they are either one per cent or more deficient in crude protein, or one-half of one per cent deficient in crude fat. Consumers and dealers are advised to study carefully this table, and represent companies who comply with the law.

Manufacturer, Address and Name of Feed	Sampled From	Moisture	Protein		Fat		Fibre	
			Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
Acme Evans Company, Indianapolis, Ind.								
Corn and Oats Chop	Oakland	9.25	10.00	**10.35**	4.00	3.73	5.00	**10.**
†Producer Chop	Oakland	8.95	8.00	**6.58**	2.50	1.92	12.00	**17.**
Agricultural Corp. of Md., Baltimore, Md.								
*Maryland Chick Scratch Grains	Baltimore	12.78	10.00	**11.23**	3.00	2.20	4.00	**1.**
Maryland Favorite Mash No. 2	Baltimore	9.53	20.00	**20.18**	4.50	5.25	7.00	**6.**
Maryland Favorite Mash No. 2	Baltimore	10.88	20.00	**20.80**	4.50	5.85	7.00	**6.**
Maryland Growing Mash	Baltimore	10.48	18.00	**17.90**	5.00	5.20	6.00	**4.**
*Maryland Intermediate Scratch Grains	Baltimore	13.25	10.00	**10.00**	3.00	1.73	4.00	**1.**
Maryland Intermediate Scratch Grains	Baltimore	12.83	10.00	**10.44**	3.00	3.50	4.00	**2.**
Maryland Laying Mash	Simpsonville	11.30	20.00	**23.87**	3.50	5.05	7.00	**6.**
Maryland Laying Mash	Baltimore	9.83	20.00	**20.18**	3.50	5.35	7.00	**6.**
Maryland Laying Mash	Easton	11.57	20.00	**20.32**	3.50	4.95	7.00	**6.**
Maryland Laying Mash	Baltimore	11.68	20.00	**20.36**	3.50	4.53	7.00	**6.**
Maryland Laying Mash	Jessups	11.60	20.00	**21.24**	3.50	5.15	7.00	**6.**
Maryland Laying Mash	Frederick	9.88	20.00	**21.50**	3.50	5.10	7.00	**6.**
Maryland Laying Mash	Baltimore	10.90	20.00	**20.01**	4.00	5.80	9.00	**6.**
Maryland Laying Mash, with Alfalfa No. 4	Baltimore	11.90	20.00	**20.18**	4.00	5.10	10.50	**9.**
Maryland Closed Formula 20% Dairy Ration	Walkersville	9.70	20.00	**21.50**	4.00	4.70	10.50	**10.**
Maryland Closed Formula 20% Dairy Ration	Baltimore	11.25	24.00	**20.97**	4.00	5.23	9.00	**9.**
Maryland Closed Formula 24% Dairy Ration	College Park	8.60	24.00	**22.48**	5.00	4.56	9.00	**10.**
*Maryland More Milk 24% Dairy Ration	Baltimore	9.95	24.00	**25.45**	5.00	4.65	9.00	**9.**
Maryland More Milk 24% Dairy Ration	Baltimore	11.70	24.00	**24.14**	5.00	4.72	9.00	**9.**
Maryland More Milk 24% Dairy Ration	Easton	9.75	24.00	**25.02**	5.00	4.48	9.00	**9.**
*Maryland More Milk 24% Dairy Ration	Baltimore	9.30	24.00	**25.18**	5.00	5.08	9.00	**8.**
Maryland More Milk 24% Dairy Ration	Baltimore	7.79	20.00	**22.98**	4.50	4.94	9.00	**9.**
Maryland Money Maker 20% Dairy Ration	College Park	11.50	20.00	**21.63**	4.50	4.16	9.00	**9.**
Maryland Money Maker 20% Dairy Ration	Easton	10.13	20.00	**21.06**	4.50	4.25	9.00	**9.**
Maryland Open Formula Hog Meal	Frederick	8.85	28.00	**29.84**	4.50	5.08	8.00	
Maryland Scratch Grains	Baltimore	12.05	10.00	**10.97**	3.00	2.63	5.00	
Maryland Scratch Grains	Baltimore	11.95	10.00	**10.44**	3.00	3.63	5.00	
Maryland Special 32%	Baltimore	8.83	32.00	**32.29**	5.00	5.95	9.00	
Maryland Special 32%	Fallston	7.77	32.00	**32.18**	5.00	4.95	9.00	
Maryland Special 32%	Fallston	8.00	32.00	**31.49**	5.00	5.50	9.00	
Maryland Special 32%	Easton	8.32	32.00	**32.00**	5.00	5.18	9.00	
Maryland Special 32%	Baltimore	8.78	32.00	**33.26**	5.00	5.60	9.00	

* Means deficient in protein or fat. † Means deficient in both protein and fat.

(A)
(B)
(C)

Fibre		INGREDIENTS	
Guaranteed	FOUND	GUARANTEED	IDENTIFIED
5.00	**10.62**	Cracked corn, rolled oats and salt	As certified
12.00	**17.05**	Corn, corn feed meal, hominy feed, oat feed (oat hulls, oat middlings) and salt	As certified
4.00	**1.65**	Fine cracked corn, cracked Milo, Kaffir, cracked wheat, steel cut oat groats	See below (A)
7.00	**6.10**	Wheat flour middlings, wheat bran, yellow corn meal, meat scraps, oat flour and salt	As certified
7.00	**6.35**	Same as above	See below (B)
6.00	**4.65**	Corn meal, wheat bran, wheat flour middlings, hominy feed, oat meal, meat scraps, dried buttermilk, bone meal	As certified
			As certified
4.00	**1.90**	Cracked corn, Milo, Kaffir, wheat, clipped oats	As certified
4.00	**2.45**	Same as above	
7.00	**6.90**	Wheat flour middlings, corn gluten feed, ground oats, corn meal, wheat bran, meat scraps	As certified
			As certified
7.00	**6.53**	Same as above	As certified
7.00	**6.95**	Same as above	As certified
7.00	**6.95**	Same as above	As certified
7.00	**6.70**	Same as above	As certified
7.00	**6.80**	Same as above	
9.00	**6.25**	Flour middlings, corn meal, standard wheat bran, oat flour, alfalfa, meat scraps, salt	See below (C)
10.50	**9.60**	Cottonseed meal, gluten meal, wheat bran, ground grain screenings, oat meal mill by-product, molasses, salt and calcium carbonate	As certified
			As certified
10.50	**10.50**	Same as above	
9.00	**9.25**	Cottonseed meal, gluten meal, linseed oil meal, standard bran, ground grain screenings, oatmeal mill by-product, molasses, salt and calcium carbonate	As certified
9.00	**10.62**	Corn gluten feed, cotton seed meal, linseed oil meal, corn distillers' grains, wheat bran, yellow hominy feed, ground oats, cane molasses, peanut meal, bone meal, salt and calcium carbonate	As certified
			As certified
9.00	**9.68**	Same as above	As certified
9.00	**9.60**	Same as above	As certified
9.00	**9.32**	Same as above	As certified
9.00	**8.65**	Same as above	
9.00	**9.98**	Corn gluten feed, wheat bran, yellow hominy feed, ground oats, cane molasses, cottonseed meal, peanut meal, corn distillers' grains, linseed oil meal, bone meal, salt and calcium carbonate	As certified
			As certified
9.00	**9.34**	Same as above	
9.00	**9.10**	Corn gluten feed, wheat bran, yellow hominy feed, ground oats, cane molasses, peanut meal, corn distillers' grains, linseed oil meal, bone meal, salt and calcium carbonate, cottonseed meal	As certified
8.00	**6.40**	Tankage, flour middlings, linseed oil meal, peanut meal, oat flour, alfalfa, molasses, steamed bone meal, salt and calcium carbonate	Alfalfa not detected.
5.00	**3.13**	Cracked corn, Milo, Kaffir, wheat, barley, clipped oats, tame buckwheat	As certified
			As certified
5.00	**3.88**	Same as above	
9.00	**8.05**	Cottonseed meal, corn gluten meal, linseed oil meal, wheat bran, corn distillers' grains, soy bean meal, peanut meal, cane molasses, bone meal, salt and calcium carbonate	As certified
			As certified
9.00	**7.43**	Same as above	As certified
9.00	**5.93**	Same as above	As certified
9.00	**7.50**	Same as above	As certified
9.00	**7.60**	Same as above	

(A) Also detected wheat screenings.
(B) Also detected corn bran, oat hulls and ground grain screenings.
(C) Also detected oat hulls and ground grain screenings.

Manufacturer, Address and Name of Feed	Sampled From	Moisture	Protein		Fat		Fibe	
			Guaranteed	Found	Guaranteed	Found	Guaranteed	
Akron Feed and Milling Co., Akron, Ohio. P'd. by W. E. Stanton, Grantsville, Md.								
Portage Intermediate Scratch Feed	Grantsville	12.03	9.00	**10.27**	3.00	2.55	5.00	
Portage Laying Mash	Grantsville	10.28	20.00	**20.18**	4.00	4.98	9.00	
E. T. Allen Company, Atlanta, Ga.								
Atlas Standard Cotton Seed Meal	Westminster	7.26	36.00	**36.47**	5.50	5.68	14.00	1
Empire H. G. Cotton Seed Meal	Emmitsburg	8.00	41.12	**41.09**	6.00	7.15	10.00	1
Empire H. G. Cotton Seed Meal	Rising Sun	6.35	41.12	**41.07**	6.00	10.50	10.00	
G. A. Allender, Elkton, Md.								
Dandy 18 Dairy Feed	Elkton	9.20	18.00	**18.25**	3.50	3.83	14.00	1
Dandy 18 Dairy Feed	Elkton	10.33	18.00	**18.43**	3.50	4.05	14.00	1
Dandy 24 Dairy Feed	Elkton	10.90	24.00	**24.04**	4.00	5.33	9.00	
*Dandy 24 Dairy Feed	Elkton	10.38	24.00	**22.25**	4.00	4.85	9.00	
Dandy Laying Mash	Elkton	9.33	20.00	**20.80**	4.50	5.28	9.00	
Dandy Laying Mash	Elkton	9.78	20.00	**23.26**	4.50	5.25	9.00	
*Pure Wheat Bran	Elkton	10.60	14.00	**14.57**	4.00	3.00	10.00	
Pure Wheat Bran	Elkton	11.05	14.00	**14.92**	4.00	3.90	10.00	
Pure Wheat Middlings	Elkton	12.45	15.00	**14.92**	4.00	4.23	6.00	
*Pure Wheat Middlings	Elkton	12.50	15.00	**14.57**	4.00	3.10	6.00	
American Agricultural Chemical Company, New York, N. Y.								
Protox Meat and Bone Scrap	Grantsville	6.60	55.00	**54.10**	6.00	10.63	5.00	
Protox Meat and Bone Scrap	Baltimore	6.03	55.00	**57.22**	6.00	12.48	5.00	
Protox Meat and Bone Scrap	Cambridge	6.65	55.00	**54.32**	6.00	12.50	5.00	
American Linseed Company, New York, N. Y.								
Alinco Old Process Linseed Meal	Baltimore	10.33	34.00	**33.70**	5.00	6.73	8.00	
Old Process Ground Flaxseed Screen. Oil Feed	Thurmont	9.60	23.00	**22.82**	6.00	7.00	10.00	1
American Maize Products Company, New York, N. Y.								
Cream of Corn Gluten Feed	Baltimore	9.38	23.00	**23.60**	1.50	2.33	8.50	
American Milling Company, Peoria, Ill.								
Amco Corn Feed Meal	Baltimore	11.68	9.00	**8.95**	4.00	3.98	5.00	
Amco Old Process Linseed Meal and Old Process Screenings Oil Feed	Baltimore	9.55	30.00	**30.01**	5.00	6.33	10.00	1
Corn Distillers' Dried Grains	Thurmont	7.60	30.00	**29.49**	9.00	10.65	13.00	1
Kick-A-Poo Horse Feed	Baltimore	11.95	10.00	**10.31**	2.50	2.92	10.00	
Sucrene Baby Chick Starter, with Buttermilk	Baltimore	11.88	12.00	**13.95**	4.00	5.03	6.00	
Sucrene Calf Meal	Baltimore	11.53	20.00	**20.71**	4.00	4.20	5.00	
Sucrene Dairy Feed	Easton	10.50	16.50	**17.22**	3.50	4.66	12.00	1

* Means deficient in protein or fat. † Means deficient in both protein and fat.

FAT FOUND	FIBRE Guaranteed	FIBRE FOUND	INGREDIENTS GUARANTEED	INGREDIENTS IDENTIFIED
2.55	5.00	2.38		
4.98	9.00	4.70	Dried buttermilk, oat middlings, oat flour, granulated meat meal, wheat middlings, wheat bran, alfalfa flour, corn feed meal	As certified
5.68	14.00	13.82	Upland cotton seed	As certified
7.15	10.00	10.73	Same as above	As certified
10.50	10.00	8.35	Same as above	As certified
3.83	14.00	13.30	Wheat bran, wheat middlings, reground oat feed, (oat middlings, oat shorts and oat hulls), cottonseed meal, O. P. linseed meal, reground wheat screenings, gluten feed, corn feed meal, ½% calcium carbonate and ½% salt	As certified
4.05	14.00	12.63	Same as above	As certified
5.33	9.00	8.03	Gluten feed, cottonseed meal, O. P. linseed meal, wheat middlings, gluten meal, wheat bran, hominy feed, corn feed meal, brewers' grains, ½% calcium carbonate and ½% salt	As certified
4.85	9.00	7.48	Same as above	As certified
5.28	9.00	8.38	Wheat bran, wheat middlings, 20% buttermilk, meat and fish scraps, gluten feed, corn feed meal, alfalfa meal, oil meal and ½ of 1% salt	As certified
5.25	9.00	7.48	Same as above	As certified
3.00	10.00	7.75	Pure wheat bran	As certified
3.90	10.00	8.10	Pure wheat bran	As certified
4.23	6.00	4.40	Pure wheat middlings	As certified
3.10	6.00	4.23	Pure wheat middlings	As certified
10.63	5.00	2.70	Bone and meat scraps	As certified
12.48	5.00	3.00	Same as above	As certified
12.50	5.00	3.00	Same as above	As certified
6.73	8.00	8.38	Flaxseed	As certified
7.00	10.00	10.55	Screenings	As certified
2.33	8.50	7.43	Corn gluten feed	As certified
3.98	5.00	4.00	Corn feed meal	As certified
6.33	10.00	10.05	Linseed meal and screenings oil feed	As certified
10.65	13.00	13.00	Corn distillers' dried grains	As certified
2.92	10.00	6.88	Cracked corn, crimped oats and barley, choice alfalfa meal, molasses and 1% salt	As certified
5.03	6.00	5.23	Dried buttermilk, oat flour, wheat flour middlings, corn feed meal, and 2% steamed bone meal	As certified
4.20	5.00	4.23	Dried buttermilk, blood flour, old process linseed oil meal, wheat flour middlings, soluble starch and 1% steamed bone meal, corn feed meal, malt flour	As certified
4.66	12.00	14.27	Corn distillers' dried grains, cottonseed meal, old process linseed oil meal, corn gluten feed, corn feed meal, wheat bran, ground wheat screenings, clipped oat by-product, cane molasses, 1% steamed bone meal, 1% calcium carbonate, 1% salt	As certified

Manufacturer, Address and Name of Feed	Sampled From	Moisture	Protein		Fat		Fib	
			Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	
American Milling Company, Peoria, Ill., Cont.								
Sucrene Dairy Feed	Baltimore	12.70	16.50	**17.09**	3.50	5.05	12.00	
Sucrene Hog Meal	Baltimore	13.00	18.00	**18.55**	4.00	4.45	5.00	
Sucrene Hog Meal	Easton	8.72	18.00	**18.00**	4.00	5.08	5.00	
Sucrene Scratch Feed	Easton	12.53	10.00	**10.97**	2.50	3.23	5.00	
Tip Top Chick Feed	Baltimore	15.03	10.00	**9.83**	2.50	2.65	5.00	
Tip Top Sugared Feed	Baltimore	9.78	15.00	**15.36**	3.50	7.04	14.00	1
*Tip Top Sugared Feed	Easton	10.50	15.00	**12.40**	3.50	5.47	14.00	1
Anderson Grain and Feed Company, York, Pa.								
Corn Feed Meal	Baltimore	11.20	8.00	**9.30**	3.00	5.53	8.00	
22 Dairy Feed, with Dried Beet Pulp	Arcadia	10.73	22.00	**22.64**	3.50	5.58	14.00	1
Growing Mash, with Dried Buttermilk	Baltimore	10.10	16.00	**17.11**	4.00	5.78	6.00	
Pullet Feed	Westminster	11.95	10.00	**10.71**	3.00	4.05	6.00	
Scratch Feed	Baltimore	11.60	9.00	**9.48**	3.00	2.54	5.00	
Albert Angell, Jr. Company, Chicago, Ill.								
Egg Mash	Baltimore	10.75	20.00	**21.41**	4.00	5.33	8.00	
Egg Mash	Baltimore	10.63	20.00	**22.03**	4.00	5.38	8.00	
Scratch Feed	Baltimore	12.63	10.00	**10.71**	2.75	2.80	3.00	
Scratch Feed	Baltimore	12.73	10.00	**10.88**	2.75	2.73	3.00	
Anglehurst Poultry Farm, Catonsville, Md.								
"Eggs Galore" Laying Mash	Catonsville	8.85	20.00	**20.88**	5.00	5.35	7.00	
"Eggs Galore" Scratch Grain	Catonsville	10.30	10.00	**10.35**	3.50	3.55	3.50	
Anheuser-Busch, Inc., St. Louis, Mo.								
Corn Gluten Feed	Westminster	8.88	23.00	**25.01**	1.00	2.40	8.50	
Arcady Farms Milling Company, Chicago, Ill.								
Besbet Growing Mash	Salisbury	11.60	16.00	**16.23**	4.00	4.53	10.00	
Dairy Feed	Baltimore	14.73	16.00	**16.94**	4.00	3.88	12.00	1
Developing Grains	Salisbury	12.53	10.00	**10.00**	2.50	2.95	5.00	
Golden Yolk Scratch Grains	Grantsville	10.70	10.00	**10.44**	2.50	2.85	5.00	
Horse and Mule Feed	Baltimore	13.85	9.00	**9.28**	2.00	1.98	12.00	1
Milkers Ready Ration	Grantsville	9.53	22.00	**21.94**	4.00	5.93	11.00	1

* Means deficient in protein or fat. † Means deficient in both protein and fat.

(A)
(B)

FIBRE		INGREDIENTS	
Guaranteed	FOUND	GUARANTEED	IDENTIFIED
12.00	9.78	Corn distillers' dried grains, cottonseed meal, old process linseed oil meal, corn gluten feed, corn feed meal, wheat bran, ground wheat screenings, clipped oat by-product, cane molasses, 1% steamed bone meal, 1% calcium carbonate, 1% salt	As certified
5.00	3.92	Digester tankage, old process linseed meal, oat middlings, peanut oil meal, wheat flour middlings, corn feed meal, ground alfalfa meal, cane molasses, 1% salt and 1% calcium carbonate	As certified
5.00	5.28	Same as above	See below (A)
5.00	3.35	Wheat, cracked corn, Kaffir-Milo, buckwheat, clipped barley and oats, and ½ of 1% sunflower seed	As certified
5.00	2.28	Cracked wheat, cracked corn, cracked Kaffir-Milo, millet, pigeon grass and wild buckwheat	As certified
14.00	11.68	Cottonseed meal, old process linseed oil meal, corn gluten feed, wheat bran, ground wheat screenings, clipped oat by-product, cane molasses, 1% salt and 1% calcium carbonate	As certified
14.00	18.20	Same as above	As certified
8.00	4.95	Reground corn bran and cracked corn siftings	As certified
14.00	10.23	Pure wheat bran, wheat middlings, cottonseed meal, O. P. oil meal, corn gluten feed, dried beet pulp, ¾ of 1% salt	As certified
6.00	3.95	Ground oat meal, corn meal, meat scrap, bone meal, dried buttermilk, charcoal, wheat middlings	As certified
6.00	2.28	Cracked corn, wheat, buckwheat, Kaffir corn, hulled oats, millet	As certified
5.00	2.85	Cracked corn, wheat, buckwheat, Kaffir corn, barley, oats, recleaned grain screenings from wheat	As certified
8.00	5.55	Wheat middlings, flour middlings, corn feed meal, meat scrap, buttermilk, bone meal, alfalfa meal, oat meal, calcium carbonate	As certified
8.00	5.88	Same as above	As certified
3.00	2.38	Cracked yellow corn, whole wheat, Milo, Kaffir corn, buckwheat and sunflower seed	As certified
3.00	2.28	Same as above	As certified
7.00	8.39	White wheat middlings, brown wheat middlings, ground corn, ground oats, wheat bran, beef scrap, fish meal, ground bone, calcium carbonate, sodium chloride, alfalfa and vegetable carbon.	As certified
3.50	3.15	Corn, wheat and oats	As certified
8.50	8.03	Corn gluten feed	As certified
10.00	6.73	Meat scraps, dried buttermilk, O. P. linseed oil meal, corn gluten feed, corn feed meal, wheat bran, wheat middlings, alfalfa meal, bone meal, calcium carbonate from limestone, ½ of 1% salt	As certified
12.00	13.85	Wheat bran, O. P. linseed oil meal, corn gluten feed, cleaned ground wheat screenings, ground and clipped oat by-product, cottonseed meal, molasses, ½ of 1% salt	As certified
5.00	3.08	Wheat, cracked corn, Kaffir corn or Milo maize, oat groats	As certified
5.00	3.43	Wheat, cracked corn, Kaffir corn or Milo maize, barley, oats	See below (B)
12.00	11.45	Cracked corn, crushed oats, alfalfa meal, molasses, ½ of 1% salt	As certified
11.00	11.15	Corn gluten feed, wheat middlings, wheat bran, O. P. linseed oil meal corn oil cake meal, corn feed meal, ground wheat screenings, cottonseed meal, molasses, ½ of 1% salt	As certified

(A) Also detected wheat bran.
(B) Also detected buckwheat and sunflower seed.

Manufacturer, Address and Name of Feed	Sampled From	Moisture	Protein		Fat	
			Guaranteed	FOUND	Guaranteed	FOUND
Arcady Farms Milling Company, Chicago, Ill., Cont.						
†Peerless Milk Ration	Baltimore	9.33	20.00	17.02	4.00	3.45
Peerless Milk Ration	Salisbury	12.38	20.00	19.04	4.00	4.95
Provo Scratch Grains	Westminster	12.38	10.00	10.00	2.50	2.78
Wonder Dairy Ration	Salisbury	9.50	24.00	23.04	5.00	5.03
Wonder Calf Meal	Walkersville	8.90	25.00	28.92	5.00	5.70
Wonder Chick Grains	Westminster	13.15	10.00	10.09	2.50	2.58
Wonder Laying Mash	Laurel	11.08	20.00	20.01	4.50	5.35
Archer Daniels Midland Company, Minneapolis, Minn.						
Pure Old Process Linseed Meal	Hagerstown	9.83	34.00	33.70	6.00	6.68
Pure Old Process Linseed Meal	Rising Sun	9.13	34.00	34.49	6.00	6.18
Pure Old Process Linseed Meal	Mt. Lake Park	9.85	34.00	34.75	6.00	7.08
Pure Old Process Linseed Meal	Rising Sun	9.43	34.00	34.22	6.00	6.08
Pure Old Process Linseed Meal	Providence	10.13	34.00	33.86	6.00	5.93
Pure Old Process Linseed Meal	Sykesville	11.15	34.00	34.22	6.00	5.70
Ashcraft-Wilkinson Company, Atlanta, Ga.						
Helmet Brand-Prime Cotton Seed Meal	White Hall	8.05	41.00	40.35	6.00	6.40
Helmet Brand-Prime Cotton Seed Meal	Walkersville	6.75	41.00	41.77	6.00	6.68
Helmet Brand-Prime Cotton Seed Meal	Chestertown	7.93	41.00	40.33	6.00	7.48
Monarch Brand-Prime Cotton Seed Meal	Sykesville	9.23	43.00	44.32	6.00	6.90
Monarch Brand-Prime Cotton Seed Meal	Baltimore	7.00	43.00	42.56	6.00	10.53
*Paramount Brand-Good Cotton Seed Meal	Baltimore	8.98	36.00	31.87	5.50	6.05
Paramount Brand-Good Cotton Seed Meal	Baltimore	7.73	36.00	36.15	5.50	6.28
Paramount Brand-Good Cotton Seed Meal	Baltimore	7.55	36.00	36.24	5.50	6.40
Paramount Brand-Good Cotton Seed Meal	Baltimore	7.50	36.00	36.86	5.50	6.00
*Paramount Brand-Good Cotton Seed Meal	Westminster	8.35	36.00	34.87	5.50	5.75
Athey & Harrison, Laurel, Md.						
Laurel Brand Scratch Feed	Laurel	12.35	10.00	9.21	2.50	2.98
Laurel Brand Scratch Feed	Laurel	11.98	10.00	10.00	2.50	3.53
Atkinson Milling Company, Minneapolis, Minn.						
Wheat Standard Middlings, with Ground Screenings n. ex. m. r.	Baltimore	11.08	15.00	15.45	4.00	5.53
Atlas Flour Mills-Bernhard Stern & Sons, Milwaukee, Wis.						
Standard Wheat Middlings, with Ground Screenings n. ex. m. r.	Cumberland	10.08	15.50	15.71	3.50	4.70
J. J. Badenoch Company, Chicago, Ill.						
C-ER-Lay Scratch Feed, N. G.	Lutherville	12.35	10.00	10.00	2.50	3.03
Egg-A-Day Dry Mash	Lutherville	9.20	20.00	19.35	4.50	4.78

* Means deficient in protein or fat. † Means deficient in both protein and fat.

FIBRE		INGREDIENTS	
Guaranteed	FOUND	GUARANTEED	IDENTIFIED
12.00	14.20	Cottonseed meal, O. P. linseed oil meal, corn gluten feed, wheat bran, dried grains from barley, malt and corn, ground grain screenings, ground clipped oat by-product, molasses, ½ of 1% salt	As certified
12.00	10.13	Same as above	As certified
5.00	3.05	Wheat, cracked corn, Kaffir corn, barley, oats, buckwheat	See below (A)
10.00	10.40	Cottonseed meal, corn oil cake meal, corn gluten feed, O. P. linseed oil meal, corn feed meal, wheat bran, wheat middlings, dried grains from barley, malt and corn, molasses, alfalfa meal, ½ of 1% salt	As certified
7.00	6.08	Wheat flour, malt flour, cottonseed meal, O. P. linseed oil meal, powdered skim milk, ½ of 1% salt	As certified
5.00	1.63	Cracked wheat, cracked corn, cracked Kaffir corn, cracked Milo maize, oat groats, millet seed	As certified
8.00	6.88	Meat scraps, corn gluten feed, bone meal, wheat bran, wheat middlings, oat meal, alfalfa meal, corn feed meal, O. P. linseed oil meal, dried buttermilk, calcium carbonate from limestone, ½ of 1% salt	As certified
9.00	9.00	Linseed meal	As certified
9.00	8.60	Linseed meal	As certified
9.00	8.50	Linseed meal	As certified
9.00	8.30	Linseed meal	As certified
9.00	8.23	Linseed meal	As certified
9.00	9.10	Linseed meal	As certified
10.00	11.78	Upland cottonseed	As certified
10.00	10.28	Same as above	As certified
10.00	10.10	Same as above	As certified
10.00	8.23	Same as above	As certified
10.00	9.50	Same as above	As certified
14.00	17.70	Same as above	See below (B)
14.00	13.05	Same as above	As certified
14.00	12.53	Same as above	As certified
14.00	12.50	Same as above	As certified
14.00	14.48	Same as above	As certified
5.00	3.08	Cracked corn, wheat, barley, Kaffir corn, Milo maize, buckwheat and sunflower	See below (C)
5.00	3.50	Same as above	As certified
9.50	8.90		As certified
9.50	9.10		As certified
5.00	3.38	Wheat, cracked corn, Kaffir corn, Milo, barley, oats, sunflower seed and buckwheat	As certified
7.50	6.68	Ground meat scraps, dried buttermilk, bone meal, fish meal, alfalfa meal, wheat bran, wheat middlings, corn feed meal, ground oats, ground barley, soy bean meal, old process linseed oil meal, corn gluten feed, calcium carbonate from limestone, salt	As certified

(A) Also detected sunflower, unable to detect buckwheat.
(B) Also detected excessive amount of hulls.
(C) Unable to detect sunflower seed.

Manufacturer, Address and Name of Feed	Sampled From	Moisture	Protein		Fat	
			Guaranteed	FOUND	Guaranteed	FOUND
J. J. Badenoch Company, Chicago, Ill., Co nt.						
*Egg-A-Day Dry Mash	Cumberland	9.15	20.00	**18.14**	4.50	5.13
*Egg-A-Day Dry Mash	Lutherville	11.15	20.00	**18.69**	4.50	4.70
*Egg-A-Day Dry Mash	Lutherville	11.58	20.00	**16.54**	4.50	4.08
Daily Egg Scratch Feed, No Grit	Lutherville	12.05	10.00	**9.92**	2.50	3.08
Giv-M-All Horse Feed	Baltimore	12.35	9.00	**8.08**	2.50	2.70
*Gloskoat Horse Feed	Lutherville	13.10	10.00	**8.31**	2.00	3.54
*Gloskoat Horse Feed	Lutherville	10.50	10.00	**8.93**	2.00	2.62
Gloskoat Horse Feed	Cumberland	11.55	10.00	**9.26**	2.00	3.16
†Jay Bee Dairy Feed	Lutherville	13.10	24.00	**21.26**	4.50	3.89
*Jay Bee Dairy Feed	Manchester	11.80	24.00	**22.45**	4.50	4.01
*Jay Bee Dairy Feed	Lutherville	12.50	24.00	**21.68**	4.50	4.48
Milky Way Dairy Feed	Mt. Airy	9.03	20.00	**20.23**	4.00	3.60
*Milky Way Dairy Feed	Manchester	9.80	20.00	**17.56**	4.00	4.05
*Milky Way Dairy Feed	Lutherville	9.58	20.00	**16.41**	4.00	4.20
Milky Way Dairy Feed	Lutherville	9.63	20.00	**19.22**	4.00	4.45
Special Stock Feed	Manchester	10.25	8.00	**8.87**	3.00	3.63
Sunflower Egg Mash	Melrose	10.30	20.00	**19.04**	4.50	4.63
*Sunflower Egg Mash	Lutherville	11.25	20.00	**18.17**	4.50	4.55
Sunflower Egg Mash	Manchester	10.55	20.00	**19.10**	4.50	5.18
Sunflower Coarse Chick Feed, No Grit	Westminster	12.73	10.00	**9.57**	2.50	2.53
Sunflower Pigeon Feed, No Grit, No Corn	Lutherville	11.98	10.00	**13.03**	3.50	3.35
Sweet Honey Bee Dairy Feed	Mt. Airy	10.63	16.00	**17.99**	4.00	6.90
Velvet Scratch Feed, No Grit	Cumberland	10.28	10.00	**10.97**	2.50	3.23
Velvet Stock Feed	Hancock	8.78	10.00	**10.27**	3.50	3.55
Baltimore Feed and Seed Company, Balti more, Md.						
B. B. L. Baby Chick Feed	Westminster	13.50	10.00	**10.18**	3.00	**2.90**
B. B. L. Brand Chick Developer	Baltimore	13.03	10.00	**10.31**	3.00	**2.63**
B. B. L. Brand Chick Starter, with Dried BM	Baltimore	10.70	14.00	**15.09**	4.50	4.68
B.B.L.Brand Growing Mash,with Dried BM	Baltimore	10.98	18.00	**19.83**	4.50	4.68
B. B. L. Hy-Protein Meat Meal	Baltimore	8.93	75.00	**81.61**	8.00	**7.53**
B.B.L.Improved Laying Mash,with Dried BM	Baltimore	10.78	20.00	**21.06**	4.50	4.58

* Means deficient in protein or fat. † Means deficient in both protein and fat.

FIBRE		INGREDIENTS	
Guaranteed	FOUND	GUARANTEED	IDENTIFIED
7.50	6.88	Same as above	As certified
7.50	7.00	Same as above	As certified
7.50	5.90	Same as above	See below (A)
5.00	3.13	Wheat, cracked corn, Kaffir corn, Milo, barley, oats, sunflower seed, and buckwheat	As certified
10.00	10.25	Cracked corn, crimped oats, alfalfa meal, molasses, salt	As certified
15.00	7.93	Cracked corn, crushed oats, alfalfa meal, molasses and salt	As certified
15.00	9.01	Same as above	As certified
15.00	8.45	Same as above	As certified
9.00	9.35	Corn gluten feed, dried grains from barley malt and corn, old process linseed oil meal, cottonseed meal, corn gluten meal, corn feed meal, wheat bran, wheat middlings, ground barley, ground oats, molasses, calcium carbonate from limestone, salt	As certified
9.00	8.90	Same as above	As certified
9.00	7.40	Same as above	As certified
12.00	13.25	Corn gluten feed, dried grains from barley malt and corn, cottonseed meal, old process linseed oil meal, corn gluten feed, corn feed meal, wheat bran, wheat middlings, ground barley, ground oats, oat shorts, oat middlings, oat hulls, calcium carbonate from limestone, salt, dried beet pulp	As certified
12.00	14.83	Same as above	As certified
12.00	14.94	Same as above	As certified
12.00	12.75	Same as above	As certified
12.00	14.34	Corn feed meal, oat middlings, oat shorts, oat hulls, wheat middlings, ground barley, ground wheat screenings, calcium carbonate from limestone and salt	As certified
8.00	8.23	Ground meat scraps, dried buttermilk, bone meal, alfalfa meal, wheat bran, wheat middlings, corn feed meal, ground oats, ground barley, old process linseed oil meal, corn gluten feed, calcium carbonate from limestone, salt	As certified
8.00	7.93	Same as above	As certified
8.00	8.43	Same as above	As certified
5.00	1.75	Wheat, cracked corn, Kaffir corn, Milo, oat groats	As certified
8.00	4.55	Wheat, Kaffir, Milo, millet, buckwheat, hemp and peas	As certified
12.00	9.65	Corn gluten feed, cottonseed meal, old process linseed oil meal, corn gluten meal, wheat bran, wheat middlings, cleaned ground wheat screenings, ground and clipped oat by-product, calcium carbonate from limestone, molasses, salt	As certified
5.00	6.13	Wheat, cracked corn, Kaffir corn, Milo, barley, sunflower seed, oats, screenings from oats, wheat barley and miscellaneous wild seeds	As certified
12.00	12.38	Ground oats, ground barley, corn feed meal, hominy feed, wheat middlings, oat middlings, oat shorts, oat hulls, calcium carbonate from limestone, salt	As certified
3.00	1.53	Cracked corn, steel cut oats, millet, Kaffir corn, Milo maize, wheat	As certified
3.00	2.45	Cracked corn, hulled oats, millet seed, Kaffir corn, Milo maize, wheat	As certified
5.00	5.15	Dried buttermilk, oat meal, corn chop, wheat bran, wheat middlings, bone meal, charcoal and ½% fine salt	Unable to detect charcoal
9.00	6.88	Dried buttermilk, wheat bran, wheat middlings, corn chop, oatmeal, alfalfa meal, flax seed meal, bone meal, meat scraps, fish meal, gluten feed and ½% fine salt	As certified
3.00	.65	Ground animal products. The residue of animal tissues, exclusive of hoof and horn, especially prepared for feeding purposes	As certified
9.00	7.38	Dried buttermilk, alfalfa meal, wheat bran, wheat middlings, oat meal, ground oats, flax seed meal, meat scraps, bone meal, gluten feed, corn chop, fish meal, and ½% fine salt	As certified

(A) Also detected oats and oat hulls.

Manufacturer, Address and Name of Feed	Sampled From	Moisture	Protein		Fat	
			Guaranteed	FOUND	Guaranteed	FOUND
Baltimore Feed & Seed Co., Balto., Md.—Cont.						
B. B. L. Recleaned Scratch Feed	Baltimore	13.00	10.50	**9.92**	3.00	2.55
B. B. L. Brand No. 3 Pigeon Feed	Baltimore	12.10	16.00	**16.23**	3.00	2.88
B. B. L. Brand Selected 55% Beef Scraps	Baltimore	5.55	55.00	**55.29**	8.00	**11.05**
B. B. L. Brand Selected 55% Beef Scraps	Baltimore	5.88	55.00	**55.02**	8.00	**10.93**
Hercules Brand Egg Mash, with Dried BM	Baltimore	10.50	20.00	**21.40**	4.00	4.55
*Victory Brand Scratch Feed	Baltimore	12.23	10.00	**9.74**	3.00	2.38
Baugh and Sons Company, Baltimore, Md.						
55% Fish Meal for Feeding	Baltimore	9.35	55.00	**54.32**	8.00	7.55
†55% Fish Meal for Feeding	Baltimore	8.48	55.00	**53.44**	8.00	7.48
*55% Fish Meal for Feeding	Baltimore	6.70	55.00	**54.72**	8.00	6.75
Oldest Brand Meat and Bone Scrap	Baltimore	7.38	50.00	**51.95**	10.00	**10.68**
Oldest Brand Meat and Bone Scrap	Taneytown	6.38	50.00	**50.28**	10.00	**10.28**
Samuel Bell and Sons, Philadelphia, Pa., P'd. by Levan and Boyd Company, Lancaster, Pa.						
Bellson Pulverized Oat Feed	Taneytown	5.95	4.00	**4.65**	1.00	1.70
J. P. Bennett and Sons, Mardela Springs, Md.						
Best Laying Mash	Mardela Springs	9.18	20.00	**21.76**	4.00	**6.58**
Best Scratch Feed	Mardela Springs	11.03	10.00	**10.53**	3.50	3.35
Berg Company, Inc., Philadelphia, Pa.						
Poultry Bone	Walkersville	7.68	23.00	**23.96**	.50	2.05
Three Medal Poultry Meat and Bone Scrap	Easton	5.55	45.00	**46.69**	8.00	**12.00**
*50% Protein Poultry Meat and Bone Scrap	Walkersville	5.78	50.00	**43.78**	8.00	**11.30**
*50% Protein Poultry Meat and Bone Scrap	Easton	5.50	50.00	**44.89**	8.00	**11.43**
*50% Protein Poultry Meat and Bone Scrap	Frederick	5.58	50.00	**47.84**	8.00	**11.70**
50% Protein Poultry Meat and Bone Scrap	Frederick	5.85	50.00	**51.95**	8.00	**11.78**
*55% Protein Poultry Meat and Bone Scrap	Chewsville	7.98	55.00	**53.21**	8.00	**11.38**
Berlin Milling Company, Salisbury, Md.						
Pure Wheat Bran	Salisbury	9.93	14.00	**15.18**	4.00	4.73
Pure Wheat Flour Middlings	Salisbury	10.05	14.50	**16.06**	4.00	4.70
Pure Wheat Flour Middlings	Salisbury	10.95	14.50	**15.71**	4.00	4.70
Black Rock Milling Corp., Black Rock, N. Y.						
Bidwell Dry Mash	Berlin	9.23	18.00	**21.15**	1.50	**5.18**
Black and White Milling Company, East St. Louis, Ill.						
Horse and Mule Feed	Baltimore	12.85	9.00	**8.28**	2.00	2.71
Blamberg Brothers, Inc., Baltimore, Md.						
*Cornell Brand Chick Developer	Baltimore	12.50	10.70	**9.61**	3.50	3.33
Cornell Brand Chick Feed	Baltimore	12.48	10.70	**10.35**	3.50	3.33
Cornell Brand Chick Starter, with BM	Baltimore	10.63	12.50	**13.60**	3.50	**5.05**

* Means deficient in protein or fat. † Means deficient in both protein and fat.

Fat		Fibre		INGREDIENTS	
	Found	Guaranteed	Found	Guaranteed	Identified
0	2.55	3.00	2.88	Cracked corn, Kaffir corn, Milo maize, barley, wheat, buckwheat and sunflower	
0	2.88	4.00	4.70	Rice, hulled oats, peas, vetch, millet seed, hemp, buckwheat, Kaffir corn, and Milo maize	As certified
0	11.05	3.00	1.60	Ground Animal products. The residue of animal tissue, exclusive of hoof and horn, expecially prepared for feeding purposes	As certified
0	10.93	3.00	2.05	Same as above	As certified
0	4.55	9.00	9.40	Pure dried buttermilk, wheat bran, wheat middlings, corn chop, alfalfa meal, meat scraps, fish meal, bone meal, and ground oats	As certified
0	2.38	3.00	2.75	Cracked corn, barley, Kaffir corn, Milo maize, wheat, sunflower and buckwheat	Also detected wild oats
0	7.55	1.00	1.10	Fish meal	As certified
0	7.48	1.00	1.35	Fish meal	As certified
0	6.75	1.00	2.25	Fish meal	As certified
0	10.68	3.00	2.38	Meat and bone scrap	As certified
0	10.28	3.00	2.43	Meat and bone scrap	As certified
	1.70	30.00	26.23	Reground oat hulls and oat middlings	As certified
	6.58	9.00	7.88	Corn meal, wheat middlings, wheat bran, ground oats, corn gluten feed, alfalfa meal, meat scraps, fish meal, oil meal, charcoal and salt	As certified
	3.35	4.00	3.45	Cracked Corn, wheat, barley, buckwheat, oats and sunflower seed	As certified
	2.05	1.00	1.88	Pure raw bone	As certified
	12.00	3.00	1.92	Roasted meat scraps and cracklings and bone scrap	As certified
	11.30	2.00	2.00	Roasted meat scraps and cracklings and bone scrap	As certified
	11.43	2.00	1.78	Same as above	As certified
	11.70	2.00	1.80	Same as above	See below (A)
	11.78	2.00	1.68	Same as above	See below (B)
	11.38	2.00	1.88	Roasted meat scrap and cracklings and bone scrap	See below (C)
	4.73	11.00	10.23	Pure wheat bran	As certified
	4.70	5.00	5.70	Wheat flour middlings	As certified
	4.70	5.00	4.75	Wheat flour middlings	As certified
	5.18	12.00	6.43	Ground corn, barley, oats, meat and bone meal, fish meal, wheat bran and grain screenings, wheat middlings, calcium carbonate and salt	As certified
	2.71	13.00	9.42	Cracked corn, crimped oats, alfalfa meal, molasses and ½ of 1% salt	As certified
	3.33	8.50	3.00	Cracked corn, wheat, Kaffir corn, Milo maize, millet seed, hulled oats and buckwheat	As certified
	3.33	8.50	1.93	Cracked corn, cracked wheat, cracked Kaffir corn, millet seed, and steel cut oats	As certified
	5.05	7.00	4.65	Dried buttermilk, fine ground oat meal, wheat bran, corn meal, white middlings, bone meal, 1% charcoal and ½ of 1% salt	As certified

(A) Also detected hoof meal.
(B) Also detected horn and hoof meal.
(C) Also detected digester tankage.

Manufacturer, Address and Name of Feed	Sampled From	Moisture	Protein		Fat	
			Guaranteed	FOUND	Guaranteed	FOUND
Blamberg Brothers; Inc., Balto., Md.—Con†.						
Cornell Brand Dairy Feed	Baltimore	10.08	20.00	**22.73**	5.00	**6.10**
Cornell Brand Dry Mash	Baltimore	9.85	18.00	**18.78**	4.00	**4.30**
Cornell Brand Growing Feed, with BM	Baltimore	8.53	17.25	**20.01**	3.50	**5.88**
Cornell Brand Laying Mash, with BM	Baltimore	9.38	20.00	**20.18**	4.00	**5.08**
Cornell Brand 45% Meat Scraps	Chestertown	5.90	45.00	**45.11**	10.00	**13.70**
Cornell Brand 45% Meat Scraps	Chestertown	6.30	45.00	**45.46**	10.00	**13.98**
*Cornell Brand 45% Meat Scraps	Baltimore	6.58	45.00	**43.75**	10.00	**12.85**
Cornell Brand 50% Meat Scraps	Baltimore	7.58	50.00	**49.49**	10.00	**12.78**
Cornell Brand 50% Meat Scraps	Westminster	5.50	50.00	**50.02**	10.00	**10.25**
*Cornell Brand 50% Meat Scraps	Chestertown	5.75	50.00	**48.44**	10.00	**11.88**
Cornell Brand No. 2 Pigeon Feed	Baltimore	12.23	14.00	**14.39**	3.00	**3.00**
Cornell Brand No. 3 Pigeon Feed	Baltimore	12.28	14.50	**16.15**	3.00	**3.15**
Cornell Brand No. 4 Pigeon Feed	Baltimore	12.40	13.50	**12.64**	2.60	**2.75**
*Cornell Brand Scratch Feed	Baltimore	12.13	10.50	**10.44**	3.50	**2.75**
Cornell Brand Special Meat Scraps	Baltimore	6.43	55.00	**57.39**	10.00	**13.75**
Cornell Brand Special Meat Scraps	Westminster	6.10	55.00	**54.48**	10.00	**11.05**
Cornell Brand Special Meat Scraps	Baltimore	7.93	55.00	**54.85**	10.00	**11.05**
*Cornell Brand Special Meat Scraps	Sykesville	6.03	55.00	**51.34**	10.00	**13.52**
Blatchford Calf Meal Company, Waukegan, Ill.						
Calf Meal	Baltimore	10.93	24.00	**23.61**	5.00	**5.65**
Chick Mash, with BM	Baltimore	9.88	20.00	**20.27**	4.00	**3.93**
"Fill-The-Basket" Egg Mash	Baltimore	9.65	19.00	**19.83**	4.00	**5.40**
Universal Scratch Feed	Hagerstown	12.20	9.00	**10.09**	1.50	**3.25**
F. W. Bolgiano & Company, Washington, D. C.						
Good Luck Bone and Meat Scraps	Germantown	7.05	50.00	**50.02**	10.00	**11.03**
*Good Luck Bone and Meat Scraps	Germantown	6.08	50.00	**47.48**	10.00	**11.47**
J. Bolgiano Seed Company, Baltimore, Md.						
Economy Scratch Feed	Baltimore	12.60	10.00	**9.92**	3.00	**2.90**
Square Deal Baby Chick Feed	Baltimore	11.55	9.00	**10.71**	2.00	**3.93**

* Means deficient in protein or fat. † Means deficient in both protein and fat.

FAT		FIBRE		INGREDIENTS	
	FOUND	Guaranteed	FOUND	GUARANTEED	IDENTIFIED
0	6.10	10.00	11.43	Peanut meal, corn feed meal, hominy feed, wheat bran, standard middlings, dried grains, ground oats, gluten feed and salt	As certified
0	4.30	9.00	9.15	Fish meal, meat meal, bone meal, wheat bran, wheat middlings, corn meal, gluten feed, ground oats, linseed meal, alfalfa meal, and ½ of 1% salt	As certified
0	5.88	8.50	8.38	Dried buttermilk, meat meal, fine ground oat meal, gluten feed, wheat bran, corn meal, alfalfa meal, wheat middlings, flaxseed meal, bone meal, fish meal, charcoal and salt	As certified
0	5.08	9.00	9.05	Dried buttermilk, wheat bran, corn meal, wheat middlings, oil meal, gluten feed, alfalfa meal, ground oats, fish meal, meat scraps, bone meal, charcoal and salt	As certified
0	13.70	2.00	1.70	Meat cracklings	As certified
0	13.98	2.00	2.18	Same as above	As certified
0	12.85	2.00	1.58	Same as above	As certified
0	12.78	3.00	2.25	Meat cracklings	As certified
0	10.25	3.00	2.13	Meat cracklings	As certified
0	11.88	3.00	2.10	Same as above	As certified
0	3.00	4.00	3.43	Wheat, Kaffir corn, Milo maize, buckwheat, millet, vetch, hulled oats, rice, Canada peas and hemp seed	As certified
0	3.15	4.00	4.50	Kaffir corn, Milo maize, buckwheat, hemp seed, millet seed, vetch, Canada peas, hulled oats, rice	As certified
0	2.75	4.30	3.43	Small whole corn, Kaffir corn, Milo maize, peas, millet, buckwheat, hulled oats, rice, vetch, hemp seed, wheat	As certified
0	2.75	4.00	2.98	Sifted cracked corn, Kaffir corn, barley, buckwheat, Milo maize, sunflower seed, wheat	Also detected wheat scrngs.
0	13.75	3.00	1.38	Pure ground meat cracklings	As certified
0	11.05	3.00	1.73	Same as above	As certified
0	11.05	3.00	2.70	Same as above	As certified
0	13.52	3.00	1.85	Same as above	As certified
	5.65	6.75	5.85	Locust bean meal, unpressed flaxseed, blood flour, rice polish, old process linseed meal, dried milk albumen, barley meal, ground beans, cocoa, calcium phosphate (bone meal), wheat flour, cocoanut oil meal, recleaned cottonseed meal, foenugreek, anise and salt	As certified
	3.93	7.50	5.43	Dried buttermilk, dried milk albumen, meat scraps, fish meal, blood flour, calcium phosphate (bone meal), corn meal, oat meal, wheat middlings, cocoa shell meal, locust bean meal, rice polish, old process linseed meal, cocoanut oil meal, wheat flour, barley meal, calcium carbonate	As certified
	5.40	10.00	7.38	Meat scraps, dried milk albumen, fish meal, blood flour, corn meal, wheat bran, oat meal, bean meal, alfalfa meal, wheat middlings, cocoanut oil meal, cocoa shell meal, old process linseed meal, rice polish, barley meal, calcium phosphate (bone meal), calcium carbonate and salt	As certified
	3.25	5.00	3.70	Wheat, cracked corn, Milo maize or Kaffir corn, barley, buckwheat and sunflower seed (½ of 1%)	As certified
	11.03	2.00	1.58	Cracklings, meat scraps, bone	As certified
	11.47	2.00	2.10	Same as above	As certified
	2.90	5.00	3.08	Cracked corn, Kaffir corn, Milo maize, barley, wheat and buckwheat	As certified
	3.93	5.00	1.85	Cracked wheat, cracked corn, cracked Kaffir corn and Milo, millet seed, steel cut oats	As certified

Manufacturer, Address and Name of Feed	Sampled From	Moisture	Protein		Fat	
			Guaranteed	FOUND	Guaranteed	FOUND
J. Bolgiano Seed Co., Balto., Md.—Cont.						
Square Deal Beef Scraps	Baltimore	12.18	55.00	**59.50**	11.00	**10.78**
*Square Deal Beef Scraps	Baltimore	4.90	55.00	**53.28**	11.00	**10.93**
*Square Deal Chick Developer	Baltimore	11.55	11.50	**9.89**	3.50	**3.70**
Square Deal Growing Mash, with BM	Baltimore	10.93	18.00	**18.78**	4.00	**4.70**
Square Deal Laying Mash, with BM	Baltimore	10.68	18.00	**22.29**	4.00	**4.70**
Square Deal Laying Mash, with BM	Baltimore	10.23	18.00	**22.07**	4.00	**5.25**
Square Deal Starting Feed, with BM	Baltimore	10.83	12.50	**14.22**	4.00	**5.03**
Square Deal Scratch Feed	Baltimore	13.33	10.00	**9.56**	2.00	**3.08**
Bowman Brothers, Gaithersburg, Md.						
Pure Wheat Bran	Gaithersburg	7.40	13.50	**15.45**	3.20	**4.50**
Pure Wheat Bran	Gaithersburg	10.30	13.50	**14.04**	3.20	**4.60**
Pure Wheat Middlings	Buck Lodge	11.55	15.00	**15.45**	4.00	**4.43**
Pure Wheat Middlings	Gaithersburg	10.33	15.00	**15.36**	4.00	**4.35**
Wheat Middlings, with Mill Run of Screenings	Buck Lodge	11.75	14.00	**14.74**	4.00	**4.20**
P. M. Brooks, Chestertown, Md.						
Rose Bud Laying Mash	Chestertown	9.93	19.00	**20.97**	3.50	**4.55**
Herbert Bryant's Son, Alexandria, Va.						
Beef Scrap	Silver Springs	6.63	50.00	**49.50**	10.00	**10.48**
Buckeye Cotton Oil Company, Cincinnati, Ohio						
*36% Protein Cottonseed Meal	Westminster	7.33	36.00	**33.03**	5.00	**5.83**
36% Protein Cottonseed Meal	Hagerstown	9.70	36.00	**37.73**	5.00	**5.88**
36% Protein Cottonseed Meal	Silver Springs	7.35	36.00	**35.98**	5.00	**5.70**
*36% Protein Cottonseed Meal	Westminster	8.53	36.00	**33.30**	5.00	**5.25**
36% Protein Cottonseed Meal	New Windsor	7.05	36.00	**37.73**	5.00	**6.05**
*36% Protein Cottonseed Meal	Westminster	7.28	36.00	**34.45**	5.00	**5.73**
*Prime Cottonseed Meal	Bel Air	7.35	41.00	**39.01**	6.50	**8.83**
Cambridge Manufacturing Company, Cambridge, Md.						
New Vim Dairy Feed	Cambridge	8.53	24.00	**25.45**	4.00	**6.05**
New Vim Dairy Feed	Cambridge	10.13	24.00	**24.66**	4.00	**4.13**
New Vim Growing Feed	Cambridge	9.25	16.00	**18.87**	3.00	**5.70**
New Vim Hog Feed	Cambridge	8.45	12.00	**18.43**	3.00	**8.40**
New Vim Laying Mash	Cambridge	8.88	20.00	**21.67**	3.00	**7.50**
New Vim Laying Mash	Cambridge	10.48	20.00	**20.62**	3.00	**5.50**
New Vim Scratch Feed	Cambridge	11.08	9.00	**9.65**	3.00	**3.03**
New Vim Scratch Feed	Cambridge	13.28	9.00	**9.39**	3.00	**3.08**
Pure Wheat Bran	Cambridge	8.65	14.00	**15.45**	4.00	**4.68**
Pure Wheat Middlings	Cambridge	10.80	14.50	**17.02**	4.00	**5.18**

* Means deficient in protein or fat. † Means deficient in both protein and fat.

FIBRE		INGREDIENTS	
Guaranteed	FOUND	GUARANTEED	IDENTIFIED
3.00	**2.00**	Ground meat and bone	As certified
3.00	**1.80**	Same as above	As certified
2.50	**2.33**	Wheat, cracked corn, Kaffir and Milo, hulled oats, millet seed	As certified
10.00	**5.53**	Corn feed meal, standard middlings, wheat bran, ground oats, linseed oil meal, gluten feed, beef scrap, bone meal, Kaffir and Milo meal, powdered buttermilk and ½ of 1% salt	As certified
10.00	**7.20**	Corn feed meal, standard middlings, Red Dog flour, wheat bran, ground oats, linseed oil meal, gluten feed, fine alfalfa meal, Kaffir and Milo meal, beef scraps, fish meal, powdered buttermilk, ½ of 1% salt	As certified
10.00	**8.08**	Same as above	As certified
4.50	**3.28**	Powdered buttermilk, oat flour, bone meal, Red Dog flour, standard middlings, corn feed meal, linseed oil meal, ½ of 1% salt	As certified
5.00	**3.30**	Wheat, cracked corn, Kaffir and Milo, barley, buckwheat, 1% sunflower seed	See below (A)
9.27	**8.85**	Pure wheat bran	As certified
9.27	**9.10**	Pure wheat bran	As certified
6.00	**4.48**	Pure wheat middlings	As certified
6.00	**5.03**	Pure wheat middlings	As certified
10.00	**4.58**	Wheat middlings with mill run of screenings	As certified
7.00	**6.48**	Wheat middlings,wheat bran,ground oats, meat scrap,corn meal,corn gluten feed	As certified
2.00	**1.35**	Meat scrap bone	As certified
14.00	**17.25**		See below (B)
14.00	**13.48**		As certified
14.00	**14.88**		As certified
14.00	**16.78**		See below (B)
14.00	**14.55**		As certified
14.00	**15.74**		See below (B)
10.00	**9.55**		See below (B)
10.00	**8.60**	Corn gluten feed, linseed oil meal, peanut oil meal, dried grains, wheat bran, hominy feed, corn chop, alfalfa meal, ash, soy bean meal	As certified
10.00	**7.85**	Same as above	As certified
10.00	**6.90**	Buttermilk, oat meal, wheat bran, wheat middlings, corn meal,alfalfa meal, milk albumen, fish meal, gluten feed, meat meal, mineral	As certified
10.00	**7.30**	Corn chop or hominy feed, ground wheat screenings, wheat middlings, corn gluten feed, fish meal or tankage, alfalfa meal, ash	As certified
10.00	**7.55**	Wheat bran, wheat middlings, hominy feed, corn meal, alfalfa meal, peanut oil meal, corn gluten feed, fish meal, blood meal, meat meal, ash	As certified
10.00	**8.15**	Same as above	As certified
10.00	**2.53**	Corn (cracked),wheat, oats, barley, buckwheat, Kaffir corn	As certified
10.00	**3.20**	Same as above	As certified
10.00	**9.33**	Wheat by-products	As certified
5.00	**3.85**	Wheat by-products	As certified

(A) Also detected oats and wild oats.
(B) Also detected excessive amount of hulls.

Manufacturer, Address and Name of Feed	Sampled From	Moisture	Protein		Fat		Fib
			Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed
Cannon Valley Milling Company, Minneapolis, Minn.							
Pure Wheat Bran	Oakland	7.30	14.50	15.27	4.00	5.45	12.00
Wheat Flour Middlings, with Ground Wheat Screenings N. Ex. M. R.	Grantsville	9.65	16.00	17.02	5.00	4.68	6.00
F. P. Cassel's Son, Lansdale, Pa.							
Chick Manna	Baltimore	8.78	12.00	13.16	4.00	3.68	3.00
Central Chemical Company, Hagerstown, Md.							
"Gro-All" Meat Scrap	Frederick	5.95	55.00	55.29	8.00	9.38	3.00
Central Feed Company, Baltimore, Md.							
A-1 Quality Scratch Grains	Baltimore	12.30	9.00	9.56	3.00	2.78	4.00
Yellow Yolk Egg Mash	Baltimore	11.20	20.00	20.27	4.00	5.73	10.00
Centreville Milling Company, Centreville, Md.							
Baby Chick Feed	Centreville	13.18	8.00	8.60	2.00	2.65	5.00
Milk Flow Dairy Feed	Centreville	10.40	16.00	16.41	3.50	4.80	10.00
Milk Flow Dairy Feed	Centreville	10.13	16.00	16.23	3.50	3.98	10.00
She-Cackle-Laying Mash	Centreville	10.95	20.00	20.01	4.00	5.58	10.00
She-Cackle-Laying Mash	Centreville	9.95	20.00	20.62	4.00	5.23	10.00
Chapin and Company, Chicago, Ill.							
Centaur Feed	Baltimore	9.15	12.00	12.72	4.00	4.80	8.00
Centaur Feed	Baltimore	10.93	12.00	12.72	4.00	4.78	8.00
Ovo Fine Chick	Baltimore	14.63	10.00	10.00	2.50	2.53	5.00
Ovo Chick Starter, with BM	Baltimore	10.38	18.00	18.60	4.50	5.25	5.00
Ovo Scratch Feed	Baltimore	13.03	10.00	10.18	2.50	3.00	5.00
Unicorn Dairy Ration	Baltimore	9.65	24.00	23.69	5.00	5.05	10.00
Unicorn Dairy Ration	Baltimore	10.28	24.00	23.69	5.00	5.15	10.00
Unicorn Dairy Ration	Walkersville	9.35	24.00	24.13	5.00	5.15	10.00
Claro Milling Company, Waseca, Minn.							
Wheat Standard Middlings, with Wheat Screenings	Hyattsville	9.88	15.00	15.36	3.00	5.83	9.50
J. Henry Clussman and Company, Baltimore, Md.							
Ensor Special Horse Feed	Baltimore	13.40	8.00	9.31	2.00	3.29	9.00
Ensor Special Horse Feed	Baltimore	10.72	8.00	8.74	2.00	2.86	9.00
Reliance Horse Feed	Baltimore	11.08	8.50	8.46	2.50	2.76	8.00
Reliance Horse Feed	Baltimore	11.92	8.50	9.30	2.50	3.78	8.00
Concentrated Feed Products Company, Baltimore, Md.							
50% Digester Tankage	Baltimore	7.48	50.00	52.92	5.00	12.55	3.00
60% Digester Tankage	Baltimore	9.38	60.00	60.29	5.00	10.75	2.00

* Means deficient in protein or fat. † Means deficient in both protein and fat.

FAT FOUND	FIBRE Guaranteed	FIBRE FOUND	INGREDIENTS GUARANTEED	INGREDIENTS IDENTIFIED
5.45	12.00	10.43	Wheat bran	As certified
4.68	6.00	5.10	Wheat flour middlings with ground wheat screenings, N.Ex.M.R.	As certified
3.68	3.00	1.53	Special prepared corn, oats, wheat middlings, crackers, gentian, ginger, chalk, aniseseed, ferrous sulphate, salt, sulphur, corn starch, meat and bone	As certified
9.38	3.00	1.73	Animal residue matter	As certified
2.78	4.00	2.40	Cracked corn, wheat, buckwheat, Kafflr corn, barley, recleaned grain screenings from wheat	Also detected sunflower seed
5.73	10.00	7.38	Corn meal, whole ground oats, wheat bran, wheat middlings, gluten meal, meat scrap, O. P. oil meal, dried buttermilk	As certified
2.65	5.00	3.00	Cracked corn, cracked wheat, cracked Kaffir, millet	See below (A)
4.80	10.00	6.98	Wheat bran, wheat middlings, ground barley, corn bran, cotton seed meal, linseed meal, corn chop, ¼ of 1% calcium carbonate, ¾ of 1% salt	As certified
3.98	10.00	7.28	Same as above	As certified
5.58	10.00	7.00	Wheat bran, wheat middlings, corn meal, alfalfa meal, ground oats, beef scrap, corn gluten feed, charcoal, ¼ of 1% calcium carbonate, ¾ of 1% salt, fish meal	As certified
5.23	10.00	6.00	Same as above	As certified
4.80	8.00	8.38	Linseed oil meal, hominy feed, corn meal, crushed oats, wheat bran, salt, bone charcoal	As certified
4.78	8.00	8.33	Same as above	As certified
2.53	5.00	1.35	Steel cut wheat, cracked corn, cracked Kaffir corn, steel cut oats, no grit	As certified
5.25	5.00	4.40	Corn feed meal, oat meal, corn gluten meal, wheat middlings, corn gluten feed, wheat bran, meat and bone meal, dried buttermilk, not over 5% calcium phosphate	As certified
3.00	5.00	2.90	Wheat, cracked corn, Kaffir corn, barley, oats, sunflower seed, buckwheat, no grit	As certified
5.05	10.00	9.58	Cottonseed meal, corn gluten meal, linseed meal, corn gluten feed, brewers' grains, corn oil meal, wheat bran, hominy meal, salt, bone charcoal	As certified
5.15	10.00	9.55	Same as above	As certified
5.15	10.00	9.88	Same as above	As certified
5.83	9.50	8.58	Wheat standard middlings and ground wheat screenings not exceeding mill run	As certified
3.29	9.00	9.22	Crushed oats, cracked corn, oat feed, cane molasses	As certified
2.86	9.00	12.45	Same as above	As certified
2.76	8.00	8.25	Crushed oats, cracked corn, alfalfa meal, cane molasses, oat feed	As certified
3.78	8.00	8.86	Same as above	As certified
12.55	3.00	2.03	Animal tankage	As certified
10.75	2.00	1.23	Animal tankage	As certified

(A) Also detected wheat screenings.

Manufacturer, Address and Name of Feed	Sampled From	Moisture	Protein		Fat	
			Guaranteed	FOUND	Guaranteed	FOUND
G. E. Conkey Company, Cleveland, Ohio						
Gecco Chick Grains	Hagerstown	13.38	10.00	**10.09**	2.00	2.23
Chick Grains	Hagerstown	11.65	11.00	**12.11**	2.50	3.88
Gecco Egg Mash	Hagerstown	10.70	18.00	**19.04**	5.00	5.55
Growing Grains	Hagerstown	10.75	13.00	**12.20**	2.50	4.00
Meat Grain and Bone Growing Mash, with BM	Hagerstown	10.10	18.00	**18.60**	4.00	5.38
Meat Grain and Bone Laying Mash, with BM	Hagerstown	10.58	20.00	**20.09**	5.00	5.48
Meat Grain and Bone Laying Mash, with BM	Hagerstown	9.55	20.00	**20.97**	5.00	5.78
Grain and Bone Starting Feed, with BM	Hagerstown	9.38	12.00	**13.16**	3.00	4.70
Pigeon Feed	Hagerstown	11.83	10.00	**13.95**	2.50	2.28
*Red Seal Scratch Feed	Hagerstown	11.98	9.00	**9.13**	3.00	1.72
*Gecco Scratch Grains	Hagerstown	12.25	10.50	**11.06**	3.00	2.28
Consolidated By-Products Company, Philadelphia, Pa.						
Beef and Bone Scrap, with Dry Yeast	Sandy Springs	6.90	45.00	**44.93**	10.00	11.93
Beef and Bone Scrap, with Dry Yeast	Rising Sun	7.13	45.00	**45.54**	10.00	11.80
Beef and Bone Scrap, with Dry Yeast	Chestertown	7.52	45.00	**45.46**	10.00	13.90
Corn Products Refining Company, New York, N. Y.						
Co-Pro-Co Horse and Mule Feed	Silver Springs	11.82	9.00	**8.63**	2.50	2.66
Buffalo Corn Gluten Feed	Baltimore	11.53	23.00	**24.48**	2.00	3.73
Diamond Corn Gluten Meal	Hagerstown	10.28	40.00	**40.54**	1.00	1.08
Crookston Milling Company, Crookston, Minn.						
Coarse Wheat Bran, with Ground Screenings	Baltimore	10.30	15.00	**14.30**	5.00	5.98
Cumberland Milling Company, Cumberland, Md.						
C and O Chop	Cumberland	10.13	10.00	**10.05**	2.50	3.43
S. P. Davis, Little Rock, Ark.						
Steerboy Brand Cotton Seed Meal and Cracked Screened Cotton Seed Cake	Buck Lodge	8.03	43.00	**43.00**	6.00	6.88
Deal Brothers Milling Company, Cumberland, Md.						
Blue Ribbon Scratch Feed	Cumberland	11.05	10.00	**9.65**	2.50	3.10
*Corn and Oats Chop	Cumberland	10.05	10.00	**9.92**	5.00	3.08
*Ho-Mo Dairy Feed	Cumberland	8.73	24.00	**23.87**	7.00	3.90
*Ho-Mo Dairy Feed	Cumberland	8.55	24.00	**23.87**	7.00	4.15
*Jersey Hog Feed	Cumberland	9.10	18.00	**19.83**	5.00	4.30
Jersey Hog Feed	Cumberland	8.30	18.00	**20.18**	5.00	5.25
Jersey Scratch Feed	Cumberland	11.58	10.00	**10.00**	2.50	3.93
*Jersey Scratch Feed	Cumberland	11.00	10.00	**8.12**	2.50	2.80
Jersey Stock Feed	Cumberland	8.90	10.00	**9.45**	4.00	4.03
*Jersey Stock Feed	Cumberland	10.05	10.00	**8.62**	4.00	3.97
†Jersey Stock Feed	Grantsville	8.58	10.00	**7.45**	4.00	2.77
†Jersey Stock Feed	Cumberland	11.18	10.00	**7.63**	4.00	2.48
†Jersey Stock Feed	Oakland	11.35	10.00	**7.51**	4.00	3.15

* Means deficient in protein or fat. † Means deficient in both protein and fat.

FIBRE		INGREDIENTS	
Guaranteed	FOUND	GUARANTEED	IDENTIFIED
5.00	1.45	Oat meal, millet, cracked wheat, cracked Kaffir corn, cracked corn	As certified
2.00	1.50	Cracked corn, cracked wheat, oat meal	As certified
10.00	6.45	Buttermilk, wheat bran, corn feed meal, wheat middlings, oil meal, meat scrap, alfalfa meal, corn gluten feed, ¾ of 1% salt, bean meal	As certified
2.00	1.83	Medium cracked corn, wheat, hulled oats	As certified
5.00	5.65	Buttermilk, corn feed meal, wheat bran, bone, ground barley, meat scraps, bean meal, oat meal, oil meal, wheat middlings, ¾ of 1% salt	As certified
6.00	5.20	Buttermilk, corn meal, corn feed meal, wheat bran, wheat middlings, bone, ground barley, meat scraps, bean meal, oil meal, ¾ of 1% salt	As certified
6.00	4.80	Same as above	As certified
4.00	3.80	Buttermilk, corn meal, corn feed meal, oat meal, wheat middlings, bone	As certified
5.00	3.45	Peas, Kaffir, wheat, buckwheat, millet	As certified
5.00	2.18	Cracked corn, buckwheat, Milo, Kaffir, wheat screenings, barley	As certified
5.00	2.70	Cracked corn, Kaffir corn, sunflower seed, barley, buckwheat, whea	tAs certified
2.00	1.58		As certified
2.00	1.98		As certified
2.00	1.77		As certified
12.00	10.18	Alfalfa meal, corn sugar molasses, cracked corn, rolled oats, salt	As certified
8.50	8.45	Corn gluten feed	As certified
4.00	2.53	Corn gluten meal	As certified
11.00	9.95	Wheat bran with ground screenings	As certified
5.00	4.38	Corn and oats	As certified
10.00	7.88	Decorticated cottonseed	As certified
8.00	3.13	Corn, oats, buckwheat and wheat	As certified
10.00	3.33	Cracked corn, whole oats	As certified
10.00	11.00	Corn gluten, cotton seed meal, linseed oil meal, wheat bran, ground oats, wheat middlings, ground corn, ½% salt	Also detected oat feed
10.00	10.13	Same as above	As certified
10.00	10.28	Hominy feed, wheat middlings, ground oats, corn feed meal, low grade flour, bone meal, digester tankage, ½% salt	Also detected oat feed
10.00	10.40	Same as above	See below (A)
8.00	2.58	Corn, wheat, buckwheat, Kaffir corn and oats	See below (B)
8.00	2.50	Same as above	See below (C)
8.00	14.38	Corn, oats, cottonseed meal, oat middlings, grain screenings, salt	See below (D)
8.00	14.45	Same as above	See below (D)
8.00	17.31	Same as above	See below (D)
8.00	12.05	Same as above	See below (D)
8.00	14.63	Same as above	See below (D)

(A) Also detected oat feed.
(B) Unable to detect wheat.
(C) Also detected grit.
(D) Detected corn feed meal, oat feed, cotton seed meal, grain screenings and salt.

Manufacturer, Address and Name of Feed	Sampled From	Moisture	Protein		Fat		Fibre	
			Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
Denver Alfalfa Milling and Products Company, Lamar, Colo.								
Alfalfa Meal	Baltimore	9.25	12.00	**15.62**	1.00	1.90	35.00	28
Alfalfa Meal	Silver Springs	8.65	12.00	**14.75**	1.00	1.28	35.00	32
Derwood Mill, Derwood, Md.								
Pure Wheat Bran	Derwood	8.55	14.00	**15.71**	4.00	5.88	9.00	8
Pure Wheat Middlings	Derwood	11.88	15.00	**15.97**	4.00	5.93	5.00	4
Albert Dickinson Company, Chicago, Ill.								
Colonial Dairy Feed	Cumberland	9.73	20.00	**19.93**	4.50	5.18	10.00	9
Corn Feed Meal	Oakland	11.95	9.00	**9.48**	4.00	4.25	5.00	3
Dairy Feed	Baltimore	9.98	24.00	**23.96**	5.00	4.60	10.00	9
Globe Breeding Feed	Baltimore	11.08	15.00	**16.41**	2.50	2.48	4.50	3
Globe Chick Scratch	Baltimore	12.98	10.00	**10.71**	2.50	2.53	5.00	1
*Globe Chick Starter, with Dried BM	Baltimore	10.38	18.00	**16.86**	4.00	4.80	4.50	4
Globe Egg Mash	Baltimore	11.13	20.00	**19.35**	5.00	5.78	6.50	5
Globe Egg Mash	Cumberland	10.50	20.00	**21.41**	5.00	5.25	6.50	6
Globe Fattening Mash, with Dried BM	Baltimore	10.93	14.50	**14.48**	5.00	4.93	4.00	4
Globe Fattening Mash, with Dried BM	Baltimore	10.45	14.50	**17.38**	5.00	5.43	4.00	3
Globe Flying Feed	Baltimore	11.33	13.00	**14.70**	2.50	3.60	4.50	3
Globe Growing Scratch	Baltimore	11.68	10.00	**10.71**	2.50	2.50	5.00	2
Globe Hog Fattener	Baltimore	10.78	15.00	**16.67**	3.50	4.58	7.00	3
Globe Horse Feed, without Alfalfa Meal	Baltimore	12.88	10.00	**9.80**	2.50	4.42	8.00	5
Globe Horse Feed Heavy Grain Mixture	Cumberland	11.25	9.00	**9.68**	1.50	2.78	15.00	7
Globe Horse Feed Medium Grain Mixture	Cumberland	11.40	9.00	**9.63**	1.50	2.81	15.00	10
Globe Milk Producer	Baltimore	9.75	24.00	**24.04**	5.00	4.75	10.00	9
*Globe Milk-Producer	Baltimore	10.93	24.00	**22.77**	5.00	4.88	10.00	9
Globe Molting Mash	Baltimore	9.88	22.00	**22.29**	6.00	6.35	5.00	3
Globe Poultry Scratch	Baltimore	13.10	10.00	**10.35**	2.50	2.56	5.00	2
Globe Poultry Scratch	Cumberland	12.75	10.00	**10.62**	2.50	2.28	5.00	3
Honeysuckle Feed	Baltimore	16.30	10.00	**10.66**	.50	.80	25.00	19
King Pigeon Feed	Cumberland	12.23	10.00	**11.58**	2.50	3.85	5.00	3
Rival Dairy Feed	Cumberland	10.08	16.00	**20.58**	4.00	5.53	10.00	8

* Means deficient in protein or fat. † Means deficient in both protein and fat.

AT FOUND	FIBRE Guaranteed	FIBRE FOUND	INGREDIENTS GUARANTEED	INGREDIENTS IDENTIFIED
1.90	35.00	28.55	Alfalfa hay	As certified
1.28	35.00	32.35	Same as above	As certified
5.88	9.00	8.93	Pure wheat bran	As certified
5.93	5.00	4.28	Pure wheat middlings	As certified
5.18	10.00	9.50	Linseed oil meal, cotton seed meal, corn gluten feed, ground oats, ground barley, corn feed meal, wheat bran and wheat middlings, with ground screenings not exceeding mill run, 1% calcium carbonate, 1% salt	As certified
4.25	5.00	3.03	Corn feed meal	As certified
4.60	10.00	9.50	Corn gluten feed, brewers' grains, wheat bran, wheat middlings, cotton seed meal, linseed oil meal, corn feed meal, ground oats, ground barley, 1% steamed bone meal, 1% calcium carbonate, 1% salt	As certified
2.48	4.50	3.85	Wheat, peas, Kaffir, hulled oats, buckwheat, hemp, vetch	As certified
2.53	5.00	1.95	Corn, wheat, Kaffir, hulled oats, millet	As certified
4.80	4.50	4.38	Dried buttermilk, sifted meat scraps, corn feed meal, oat flour, wheat flour middlings, fine ground alfalfa meal, bone meal, 2% calcium carbonate, ½ of 1% salt	As certified
5.78	6.50	5.75	Fine ground meat scraps, corn gluten feed, linseed oil meal, wheat bran, wheat middlings, corn feed meal, fine ground alfalfa meal, 2% calcium carbonate, ½ of 1% salt	As certified
5.25	6.50	6.75	Same as above	As certified
4.93	4.00	4.50	Dried buttermilk, ground corn, rolled oats, oat flour, wheat Red Dog flour, wheat flour middlings, ground barley, corn oil cake meal	As certified
5.43	4.00	3.75	Same as above	As certified
3.60	4.50	3.90	Flint corn, peas, Kaffir, millet, buckwheat, hulled oats, hemp, vetch	As certified
2.50	5.00	2.45	Corn, wheat, Kaffir, hulled oats, buckwheat, millet	As certified
4.58	7.00	3.78	Tankage, corn oil cake meal, wheat middlings, corn feed meal, barley meal, fine ground alfalfa meal, 1% calcium carbonate, 1% steamed bone meal, 1% salt	As certified
4.42	8.00	5.80	Cracked corn, crushed oats, 1% linseed oil meal, molasses	As certified
2.78	15.00	7.63	Cracked corn, crushed oats, 1% linseed oil meal, molasses, alfalfa meal	As certified
2.81	15.00	10.65	Same as above	As certified
4.75	10.00	9.75	Corn gluten feed, brewers' dried grains, wheat bran, wheat middlings, linseed oil meal, cotton seed meal, soy bean oil meal, 1% steamed bone meal, corn feed meal, ground oats, 1% calcium carbonate, 1% salt	As certified
4.88	10.00	9.43	Same as above	As certified
6.35	5.00	3.45	Dried buttermilk, fine ground meat scraps, 2% linseed oil meal, soy bean oil meal, corn oil cake meal, corn feed meal, corn gluten feed, oat flour, wheat flour middlings, 1% ground sunflower seed, bone meal, 2% calcium carbonate, ½ of 1% salt	As certified
2.56	5.00	2.98	Corn, wheat, barley, oats, Kaffir, buckwheat, ½ of 1% sunflower, 1% linseed oil cake	As certified
2.28	5.00	3.15	Same as above	As certified
.80	25.00	19.70	Alfalfa meal, molasses	As certified
3.85	5.00	3.35	Flint corn, wheat, peas, Kaffir, millet, buckwheat, hemp	As certified
5.53	10.00	8.90	Corn gluten feed, ground barley, linseed oil meal, cotton seed meal, corn feed meal, wheat bran, wheat middlings, ground screenings (from wheat, oats, barley and Kaffir), 1% salt	As certified

Manufacturer, Address and Name of Feed	Sampled From	Moisture	Protein		Fat		Fibre	
			Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	
Albert Dickinson Company, Chicago, Ill., Cont.								
Rival Poultry Scratch	Cumberland	12.70	10.00	**10.35**	2.50	2.98	5.00	2
Stag Stock Feed	Cumberland	10.13	10.00	**13.34**	3.00	4.23	12.00	12
White Cross Horse Feed	Baltimore	10.48	10.00	**10.18**	2.50	4.05	8.00	5
White Cross Horse Feed	Baltimore	11.58	10.00	**10.27**	2.50	3.88	8.00	6
D. W. Dietrich and Company, Philadelphia, Pa.								
Wheat Bran, with Mill Run of Screenings	Boyds	7.43	14.00	**15.27**	4.00	4.85	11.00	10
Wheat Flour Middlings, with Mill Run of Screenings	Boyds	10.35	15.00	**17.47**	4.00	4.78	6.00	6
Dietrich and Gambrill, Inc., Frederick, Md.								
*Corn Feed Meal	Boyds	12.93	10.00	**8.16**	3.00	3.38	5.00	2
Frederick Horse Feed	Laurel	12.00	7.00	**8.39**	2.00	3.55	12.10	8
Frederick Scratch Feed	Thurmont	12.20	10.00	**9.31**	3.00	3.13	6.00	2
Gambrill's A. I. Dairy Ration	Boyds	9.75	24.00	**26.77**	4.00	4.25	12.00	10
Gambrill's C. and O. Feed	Baltimore	9.83	10.00	**10.71**	3.00	4.38	10.00	6
Gambrill's Dairy Feed	Laurel	11.03	16.50	**16.50**	3.50	3.73	14.00	15
Gambrill's Laying Mash	Frederick	9.30	20.00	**20.97**	3.50	5.18	8.00	8
Gambrill's Growing Mash	Frederick	9.55	16.00	**19.31**	3.50	4.75	8.00	6
Gambrill's Horse Feed	Laurel	13.45	7.00	**10.86**	2.00	4.08	12.10	12
Gambrill's Pigeon Feed	Frederick	10.48	13.00	**13.69**	3.00	3.20	4.00	3
Gambrill's Scratch Feed Developing Size	Frederick	10.53	10.00	**10.79**	3.00	3.63	6.00	1
Gambrill's Scratch Feed Developing Size	Frederick	10.80	10.00	**10.18**	3.00	3.03	6.00	2
Pet Horse Feed	Baltimore	14.11	7.00	**7.00**	2.00	1.50	12.10	11
C. N. Draper, Greensboro, Md.								
O. K. Laying Mash	Greensboro	11.18	20.00	**20.27**	5.50	5.93	6.00	5
Duluth-Superior Milling Company, Duluth, Minn.								
Standard (S) Middlings, with Ground Screenings N. EX. M.R.	Laurel	11.83	14.00	**14.22**	4.00	5.34	9.50	7
Eagle Roller Mill Company, New Ulm, Minn.								
Wheat Bran, with Screenings	Greensboro	10.38	14.00	**14.74**	4.00	5.80	12.00	10
Wheat Standard Middlings, with Screenings	Salisbury	11.40	15.00	**16.85**	4.00	5.88	9.50	8
Early and Daniel Company, Cincinnati, Ohio								
Tuxedo Chop	Baltimore	10.65	10.00	**10.00**	3.00	4.16	10.00	7
Tuxedo Poultry Fattener	Baltimore	11.33	14.00	**15.18**	4.00	4.63	8.00	4

* Means deficient in protein or fat. † Means deficient in both protein and fat.

Fat		Fibre		INGREDIENTS	
Guaranteed	Found	Guaranteed	Found	Guaranteed	Identified
2.50	2.98	5.00	2.70	Corn, wheat, barley, oats, Kaffir, buckwheat, sunflower	As certified
4.00	4.23	12.00	12.45	Corn feed meal, wheat bran, wheat middlings, cotton seed meal, oat meal mill by-product (oat middlings, oat hulls, oat shorts), 1% salt	As certified
4.50	4.05	8.00	5.90	Cracked corn, crushed oats	As certified
3.50	3.88	8.00	6.40	Same as above	As certified
5.00	4.85	11.00	10.50	Wheat bran with mill run of screenings	As certified
5.00	4.78	6.00	6.00	Wheat flour middlings with mill run of screenings	As certified
3.00	3.38	5.00	2.00	Corn feed meal	As certified
3.00	3.55	12.10	8.70	Corn, oats, alfalfa meal, oat feed, oat clip by-products, molasses, ½ of 1% salt	As certified
3.00	3.13	6.00	2.18	Cracked corn, wheat, barley, buckwheat, recleaned grain screenings, Milo maize, Kaffir corn, sunflower seed	As certified
4.00	4.25	12.00	10.88	O. P. oil meal, cottonseed meal, peanut meal, gluten meal, wheat bran, ground grain screenings, reground oat feed, ground oats, molasses, salt, calcium carbonate	As certified
4.00	4.38	10.00	6.25	Cracked corn, crimped oats	As certified
3.50	3.73	14.00	15.51	Ground grain screenings, reground oat feed, cottonseed meal, linseed meal, corn meal, molasses, calcium carbonate, salt	Also detected peanut meal
5.00	5.18	8.00	8.50	Wheat middlings, wheat bran, alfalfa meal, corn meal, gluten meal, fish meal, meat and bone scrap, dried buttermilk	As certified
5.00	4.75	8.00	6.43	Wheat middlings, wheat bran, oat meal, gluten meal, alfalfa meal, meat and bone scrap, fish meal, dried buttermilk	As certified
4.00	4.08	12.10	12.45	Cracked corn, crimped oats, alfalfa meal, molasses, salt	As certified
4.00	3.20	4.00	3.45	Milo maize, Kaffir corn, peas, wheat, cracked corn, buckwheat, hemp and millet	As certified
5.00	3.63	6.00	1.90	Cracked corn, wheat, barley, Kaffir corn, buckwheat, recleaned grain screenings from wheat	As certified
4.00	3.03	6.00	2.43	Same as above	As certified
4.00	1.50	12.10	11.85	Cracked corn, crushed oats, oat feed (oat hulls and middlings), oat clip by-products, bran, molasses and ½ of 1% salt	As certified
5.00	5.93	6.00	5.53	Bran, corn meal, ground oats, meat meal, middlings	As certified
5.00	5.34	9.50	7.10	Wheat standard middlings with ground wheat screenings	As certified
5.00	5.80	12.00	10.10	Wheat bran, with ground wheat screenings not exceeding mill run	As certified
5.00	5.88	9.50	8.55	Wheat standard middlings, with ground wheat screenings not exceeding mill run	As certified
	4.16	10.00	7.77	Crushed corn, crimped oats, wheat bran, alfalfa meal, barley grains and molasses	As certified
	4.63	8.00	4.93	Corn meal, corn germ meal, wheat flour, wheat middlings, oat meal ground barley, meat scraps, alfalfa meal	As certified

Manufacturer, Address and Name of Feed	Sampled From	Moisture	Protein		Fat		Fibre	
			Guaranteed	Found	Guaranteed	Found	Guaranteed	
East Coast Trading Company, Baltimore, Md.								
*Oberco, 15-30-15	White Hall	4.03	15.00	**13.82**	.50	1.75	10.00	
Oberco, 30-30	Westminster	4.25	30.00	**30.36**	3.00	2.93	9.00	
Oberco, 30-30	Westminster	3.63	30.00	**29.66**	3.00	3.65	9.00	
Oberco, 30-30	Baltimore	3.93	30.00	**32.03**	3.00	2.83	9.00	
Eastern Cotton Oil Company, Norfolk, Va.								
Dutch Maid Cottonseed Meal	Sudlersville	7.85	41.00	**40.05**	5.50	7.38	10.00	
Dutch Maid Cottonseed Meal	Chestertown	6.38	41.00	**42.56**	5.50	7.43	10.00	
Dutch Maid Cottonseed Meal	Rising Sun	7.28	41.00	**39.90**	5.50	6.70	10.00	
Dutch Maid Cottonseed Meal	Fountain Green	7.43	41.00	**41.24**	5.50	7.43	10.00	
Supreme Cottonseed Meal	Westminster	4.20	36.00	**36.24**	5.00	14.29	14.00	
Supreme Cottonseed Meal	Baltimore	7.75	36.00	**38.48**	5.00	6.43	14.00	
Supreme Cottonseed Meal	Baltimore	4.15	36.00	**37.56**	5.00	5.88	14.00	
Easton Milling Company, Easton, Md.								
Pure Wheat Bran	Easton	8.08	14.00	**14.39**	4.00	4.40	10.00	
Pure Wheat Middlings	Easton	10.10	15.00	**15.71**	4.00	5.08	6.00	
A. W. Ecker and Sons, Thurmont, Md.								
Pure Wheat Bran	Thurmont	8.38	14.00	**15.45**	4.00	4.65	13.00	
Pure Wheat Bran	Thurmont	8.88	14.00	**15.18**	4.00	5.58	13.00	
*Pure Wheat Middlings	Thurmont	11.48	15.00	**16.15**	5.00	4.18	11.00	
*Pure Wheat Middlings	Thurmont	11.20	15.00	**16.15**	5.00	4.30	11.00	
Eddington and Company, Inc., Salisbury, Md.								
Best Laying Mash	Greensboro	11.00	20.00	**19.18**	5.00	4.85	6.00	
Best Laying Mash	Salisbury	10.80	20.00	**20.88**	5.00	4.95	6.00	
Best Laying Mash	E. New Market	8.80	20.00	**21.94**	5.00	5.95	6.00	
W. T. Eddington and Son, Federalsburg, Md.								
Pure Wheat Bran	Greensboro	9.68	14.00	**16.28**	4.00	4.35	11.00	
*Pure Wheat Middlings	Federalsburg	12.58	16.00	**15.53**	4.50	3.08	6.00	
Wm. Eitze, Baltimore, Md.								
Higrade Laying Mash, with Buttermilk	Baltimore	9.10	18.00	**22.03**	4.00	5.80	10.00	
Empire Milling Company, Minneapolis, Minn.								
*Wheat Standard Middlings, with Ground Screenings not exceeding Mill Run	Baltimore	9.30	15.50	**14.39**	5.00	5.04	9.00	
Englar and Sponseller, Westminster, Md.								
Meadow-Brook Laying Mash	Westminster	11.08	20.45	**21.59**	5.50	5.95	10.75	
Pure Wheat Bran	Westminster	8.65	15.50	**15.97**	3.28	4.58	10.27	
Wheat Middlings, with Mill Run Screenings	Westminster	11.20	16.00	**17.02**	4.00	5.10	6.00	
John W. Eshelman and Sons, Lancaster, Pa.								
Baby Chick Starter	Baltimore	9.75	10.00	**16.59**	4.00	5.28	5.00	

* Means deficient in protein or fat. † Means deficient in both protein and fat.

FAT		FIBRE		INGREDIENTS	
	FOUND	Guaranteed	FOUND	GUARANTEED	IDENTIFIED
50	1.75	10.00	**5.95**	Linseed meal, meat meal, bone charcoal, sodium chloride, calcium carbonate	As certified
00	2.93	9.00	**5.78**	Fish meal, meat meal, bone charcoal, sodium chloride, calcium carbonate	As certified
00	3.65	9.00	**4.75**	Same as above	As certified
00	2.83	9.00	**5.98**	Same as above	As certified
50	7.38	10.00	**9.75**	Upland cottonseed	As certified
50	7.43	10.00	**8.53**	Same as above	As certified
50	6.70	10.00	**10.70**	Same as above	As certified
50	7.43	10.00	**8.95**	Same as above	As certified
00	14.29	14.00	**12.05**	Same as above	As certified
00	6.43	14.00	**11.48**	Same as above	As certified
00	5.88	14.00	**8.85**	Same as above	As certified
0	4.40	10.00	**9.48**	Pure wheat bran	As certified
0	5.08	6.00	**4.15**	Pure wheat middlings	As certified
0	4.65	13.00	**8.93**	Pure wheat bran	As certified
0	5.58	13.00	**10.15**	Pure wheat bran	As certified
0	4.18	11.00	**14.48**	Pure wheat middlings	As certified
0	4.30	11.00	**3.90**	Pure wheat middlings	As certified
0	4.85	6.00	**6.65**	Meal chops, wheat middlings, wheat bran, fine ground oats, gluten feed, alfalfa, 55% meat scrap, oil meal, charcoal and salt	As certified
0	4.95	6.00	**7.63**	Same as above	As certified
0	5.95	6.00	**6.80**	Same as above	As certified
0	4.35	11.00	**8.03**	Pure wheat bran	As certified
0	3.08	6.00	**3.60**	Pure wheat middlings	As certified
0	5.80	10.00	**8.18**	Corn feed meal, wheat flour middlings, ground oats, wheat bran, wheat middlings, beef scrap, fish meal, alfalfa meal, gluten meal, oil meal, dried buttermilk, bone meal, ½ of 1% salt	As certified
0	5.04	9.00	**9.28**	Wheat standard middlings with ground screenings	As certified
0	5.95	10.75	**9.23**	Wheat bran, wheat middlings, meat scraps, alfalfa meal, oil meal, gluten feed, hominy feed, oats feed, charcoal and salt	As certified
	4.58	10.27	**9.13**	Pure wheat bran	As certified
	5.10	6.00	**4.48**	Wheat middlings with mill run screenings	As certified
	5.28	5.00	**4.73**	Oat meal, kiln-dried corn meal, cooked and baked wheat feed, wheat middlings, powdered buttermilk, bone meal 2%, old process oil meal 2%	As certified

Manufacturer, Address and Name of Feed	Sampled From	Moisture	Protein		Fat		Fibr	
			Guaranteed	Found	Guaranteed	Found	Guaranteed	
John W. Eshelman and Sons, Lancaster, P	**a. Cont.**							
Conestoga 18 Dairy Feed	Elkton	11.72	18.00	**17.52**	3.50	4.23	10.00	1
Corn Feed Meal	Westminster	14.28	8.00	**8.60**	3.00	3.13	4.00	
Dried Sugar Beet Pulp	Westminster	8.90	8.00	**9.04**	.50	.35	20.00	2
Garden Spot Horse Feed	Elkton	13.10	7.00	**8.70**	2.00	2.70	10.00	1
Garden Spot Horse Feed	Elkton	13.02	7.00	**10.40**	2.00	2.66	10.00	
Garden Spot Horse Feed	Clinton	12.98	7.00	**6.95**	2.00	3.26	10.00	
Golden Rod 25 Dairy Feed	Baltimore	9.30	25.00	**24.92**	5.00	5.50	10.00	
Golden Rod 25 Dairy Feed	Baltimore	9.13	25.00	**25.80**	5.00	6.00	8.00	
Growing Mash	Baltimore	12.05	16.00	**17.55**	4.00	5.23		
Imperial Scratch Feed, N. G.	Clinton	11.50	9.00	**9.39**	3.00	2.51	4.00	
Intermediate Chick Feed	Baltimore	11.75	10.00	**10.27**	3.00	3.48	3.00	
Intermediate Chick Feed	Baltimore	13.45	10.00	**10.00**	3.00	2.53	3.00	
Lancaster 20 Dairy Feed	Salisbury	9.45	20.00	**19.86**	4.00	4.34	10.00	1
Lancaster 60 Horse Feed	Goldsboro	10.93	9.00	**10.98**	2.50	3.17	10.00	1
Lancaster 60 Horse Feed	Baltimore	11.29	9.00	**10.58**	2.50	2.61	10.00	1
Laying Mash	Silver Hill	10.08	20.00	**21.15**	5.00	5.88	7.00	
Laying Mash	Salisbury	11.73	20.00	**21.15**	5.00	5.08	7.00	
Liberty Horse Feed	Baltimore	13.80	7.00	**7.87**	2.00	2.46	10.00	
*Molasses Steer Feed	Westminster	13.20	10.00	**11.26**	3.00	2.21	10.00	1
Pennsy 16 Dairy Feed	Elkton	10.18	16.00	**16.85**	3.00	4.70	10.00	1
Pennsy 16 Dairy Feed	Salisbury	8.97	16.00	**19.22**	3.00	4.66	10.00	
Pennsy 16 Dairy Feed	Elkton	10.50	16.00	**17.08**	3.00	5.23	10.00	1
Pennsy Scratch Feed N. G.	Baltimore	12.90	9.00	**10.00**	3.00	2.50	4.00	
Pennsy Scratch Feed N. G.	Salisbury	14.10	9.00	**9.83**	3.00	2.80	4.00	
Red Rose 24 Dairy Feed	Clinton	11.98	24.00	**23.08**	4.00	5.78	10.00	1

* Means deficient in protein or fat. † Means deficient in both protein and fat.

FIBRE Guaranteed	FIBRE FOUND	INGREDIENTS GUARANTEED	INGREDIENTS IDENTIFIED
10.00	11.82	Wheat bran, cane molasses, cottonseed meal, cocoanut oil meal, soybean meal, corn gluten feed, wheat middlings, oat meal mill by-product (oat hulls, oat middlings, oat shorts), reground grain screenings from wheat, alfalfa meal, ½% calcium carbonate, ½% salt, brewers' dried grains, O. P. oil meal	As certified
4.00	2.63	Corn feed meal	As certified
20.00	20.35	Dried sugar beet pulp	As certified
10.00	10.20	Cracked corn, crushed oats, cane molasses, clipped oat by-product, ½% salt	As certified
10.00	7.06	Same as above	As certified
10.00	7.55	Same as above	As certified
10.00	9.75	Wheat bran, cottonseed meal, corn gluten feed, cocoanut oil meal, wheat middlings, soybean meal, corn gluten meal, old process oil meal, ground oats, ground barley, brewers' dried grains, ½% calcium carbonate, ½% salt	As certified
10.00	9.70	Same as above	As certified
8.00	5.75	10% Dried buttermilk, meat and fish scrap, wheat middlings, corn feed meal, wheat bran, corn gluten feed, pure oat meal, ground oats, ground barley, hominy feed, 2% old process oil meal, 1% alfalfa meal, ½% salt	As certified
4.00	3.00	Cracked corn, Kaffir corn, barley, wheat, buckwheat, oats, ½% sunflower seed, recleaned grain screenings from wheat	As certified
3.00	2.50	Cracked corn, Kaffir corn, wheat, hulled oats, 1% buckwheat	As certified
3.00	2.50	Same as above	As certified
10.00	10.98	Wheat bran, cottonseed meal, corn gluten feed, cocoanut oil meal, cane molasses, soybean meal, corn gluten meal, wheat middlings, brewers' dried grains, old process oil meal, reground grain screenings from wheat, alfalfa meal, ½% salt, ½% calcium carbonate	As certified
10.00	11.20	Cracked corn, crushed oats, cane molasses, alfalfa meal, ½% salt	As certified
10.00	10.55	Same as above	As certified
7.00	6.78	20% dried buttermilk, meat and fish scrap, wheat middlings, corn feed meal, wheat bran, corn gluten feed, ground oats, ground barley, hominy feed, old process oil meal 2%, 1% alfalfa meal, ½% salt	As certified
7.00	5.20	Same as above	As certified
10.00	8.55	Cracked corn, crushed oats, cane molasses, clipped oat by-product, ½% salt	As certified
10.00	10.32	Cottonseed meal, soybean meal, old process oil meal, cracked corn, clipped oat by-product, cane molasses, ½% calcium carbonate, ½% salt	As certified
10.00	11.89	Cottonseed meal, cane molasses, cocoanut oil meal, soybean meal, corn gluten feed, brewers' dried grains, old process oil meal, oat meal mill by-product (oat hulls, oat middlings, oat shorts), reground grain screenings from wheat, ½% salt, ½% calcium carbonate	As certified
10.00	9.80	Same as above	As certified
10.00	12.98	Same as above	As certified
4.00	2.85	Cracked corn, barley, Kaffir corn, wheat, buckwheat, oats, recleaned grain screenings from wheat	As certified
4.00	2.93	Same as above	As certified
10.00	10.05	Wheat bran, cottonseed meal, cocoanut oil meal, wheat middlings, soybean meal, cane molasses, corn gluten meal, brewers' dried grains, old process oil meal, ground oats, ground barley, reground grain screenings from wheat, alfalfa meal, ½% calcium carbonate, ½% salt	As certified

Manufacturer, Address and Name of Feed	Sampled From	Moisture	Protein		Fat		Fibe	
			Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	
John W. Eschelman and Sons, Lancaster, Pa., Cont.								
Red Rose 85 Horse Feed	Clinton	11.58	9.00	**8.65**	3.00	4.75	10.00	
Red Rose 85 Horse Feed	Elkton	12.50	9.00	**9.57**	3.00	3.50	10.00	
Scratch Feed N. G.	Baltimore	11.95	10.00	**10.35**	3.00	2.65	4.00	
Special Pigeon Feed	Baltimore	11.48	10.00	**13.91**	3.00	3.08	3.00	
Susquehanna Dairy Feed	Sudlersville	8.45	20.00	**21.94**	3.00	4.85	12.00	1
Thorobred Horse Feed	St. Michaels	8.98	9.50	**10.09**	4.00	4.30	4.00	
Everett, Augenbaugh Company, Waseca, Minn.								
Pure Wheat Bran	Sparks	10.38	14.50	**14.48**	4.00	5.80	11.00	1
Fairmont Creamery Company, Omaha, Neb.								
Better Pure Flake Buttermilk	Sykesville	10.35	32.00	**33.35**	6.00	5.68	-----	
Farmers Fertilizer and Feed Company, Westminster, Md.								
Favorite Laying Mash	Westminster	8.83	20.00	**20.09**	5.00	5.60	10.00	1
Federal Milling and Refrigerating Company, Hagerstown, Md.								
*Eureka Dairy Feed	Chewsville	10.53	16.00	**17.11**	4.50	3.73	10.00	1
*Eureka Dairy Feed	Hagerstown	9.78	16.00	**15.98**	4.50	3.83	10.00	1
*Eureka Dairy Feed	Sandy Springs	9.78	16.00	**17.29**	4.50	3.34	10.00	1
*Eureka Dairy Feed	Baltimore	8.65	16.00	**14.14**	4.50	3.95	10.00	1
Eureka Scratch Feed	Baltimore	12.55	10.00	**10.27**	2.50	3.00	5.00	
Eureka Scratch Feed	Baltimore	11.25	10.00	**10.88**	2.50	3.38	5.00	
Federal Chick Feed	Hagerstown	10.98	10.00	**10.79**	2.50	3.60	5.00	
Federal Chick Feed	Baltimore	11.75	10.00	**10.71**	2.50	3.13	5.00	
Federal Chick Feed	Baltimore	11.25	10.00	**11.80**	2.50	3.13	5.00	
*Federal Dairy Feed	Hagerstown	10.88	24.00	**22.60**	4.00	4.25	10.00	
*Federal Dairy Feed	Hagerstown	11.25	24.00	**22.86**	4.00	3.73	10.00	
Federal Dairy Feed	Cumberland	9.50	24.00	**24.31**	4.00	4.83	10.00	1
*Federal Dairy Feed	Cumberland	10.30	24.00	**21.47**	4.00	4.63	10.00	1
Makes-Em-Lay Mash	Baltimore	10.83	20.00	**19.61**	5.00	5.15	8.00	
Pure Wheat Middlings	Hagerstown	11.85	15.00	**15.45**	4.00	4.30	6.00	
Feed Mor Products Company, Westminster, Md.								
Meat Meal	Sykesville	6.48	55.00	**54.58**	5.00	12.83	4.00	
*Meat Meal	Taneytown	5.03	55.00	**49.14**	5.00	14.33	4.00	
*Meat Meal	Hampstead	5.80	55.00	**52.16**	5.00	14.08	4.00	
Meat Meal	Linwood	6.45	55.00	**57.56**	5.00	10.83	4.00	
Meat Meal	Linwood	5.95	50.00	**56.56**	5.00	10.73	4.00	
*Tankage	Westminster	4.03	45.00	**35.95**	5.00	22.88	2.50	
Felton and Kelly, Frederick, Md.								
Pure Wheat Bran	Ceresville	8.43	15.00	**15.53**	3.00	4.03	9.00	
Pure Wheat Middlings	Ceresville	11.00	15.25	**16.32**	2.50	4.25	3.00	

* Means deficient in protein or fat. † Means deficient in both protein and fat.

(A)
(B)
(C)

FIBRE Guaranteed	FIBRE FOUND	INGREDIENTS GUARANTEED	INGREDIENTS IDENTIFIED
10.00	7.20	Cracked corn, crushed oats, cane molasses, alfalfa meal, ½% salt	As certified
10.00	8.73	Same as above	As certified
4.00	2.88	Cracked corn, wheat, Kaffir corn, barley, buckwheat, oats, ½% sunflower seed	As certified
3.00	4.28	Wheat, Kaffir corn, peas, hulled oats, buckwheat, 3% hemp, 2%, millet, 1-10% flaxseed	As certified
12.00	10.38	Beet pulp, wheat bran, wheat middlings, corn gluten feed, corn gluten meal, cocoanut oil meal, cottonseed meal, soybean meal, old process oil meal, ½% calcium carbonate, ½% salt	As certified
4.00	4.85	Rolled corn, crushed oats	As certified
11.00	10.33	Pure wheat bran	As certified
-----	-----	Dried buttermilk	As certified
10.00	11.10	Wheat bran, wheat middlings, corn chop or hominy feed, oat chop, gluten feed, fish meal, meat meal, oil meal, alfalfa meal, charcoal, salt	As certified
10.00	12.08	Wheat, bran, corn bran, wheat middlings, gluten feed, cottonseed meal, alfalfa meal, reground oats, 1% salt, apple pumace	As certified
10.00	12.48	Same as above	As certified
10.00	13.30	Same as above	As certified
10.00	13.38	Same as above	As certified
5.00	3.00	Cracked corn, screenings, barley, oats, Kaffir corn, buckwheat, sunflower seed, wheat	As certified
5.00	3.03	Same as above	As certified
5.00	3.08	Corn grits, cracked wheat, steel cut oats, millet, fine wheat scr'ngs	As certified
5.00	2.45	Same as above	As certified
5.00	2.78	Same as above	As certified
10.00	8.98	Gluten feed, cotton seed meal, old process oil meal, wheat bran, malt sprouts, corn feed meal, oat chop, salt, wheat middlings, calcium carbonate	As certified
10.00	7.80	Same as above	As certified
10.00	10.85	Same as above	See below (A)
10.00	12.08	Same as above	As certified
8.00	6.85	Corn feed meal, wheat middlings, beef scrap, oats, gluten meal, alfalfa meal, wheat bran, oil meal, dry buttermilk	See below (B)
6.00	5.28	Pure wheat middlings	See below (C)
4.00	1.78	Animal residues	As certified
4.00	1.72	Animal residues	As certified
4.00	1.73	Animal residues	As certified
4.00	1.70	Animal residues	As certified
4.00	1.43	Animal residues	As certified
2.50	4.00	Animal residues	As certified
9.00	9.83	Pure Wheat Bran	As certified
3.00	4.38	Pure Wheat Middlings	As certified

(A) Also detected whole oats.
(B) Also detected large per cent of oat hulls; unable to detect alfalfa.
(C) Also detected scourings.

Manufacturer, Address and Name of Feed	Sampled From	Moisture	Protein		Fat		Fibre	
			Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	
Galesburg Molasses Feed Company, Galesburg, Ill.								
*Biddy's Own Scratch Feed	Berwyn	13.18	10.00	**10.00**	3.50	2.58	3.00	
†Gamo Baby Chick Feed	Berwyn	13.45	11.00	**9.92**	4.00	2.38	5.00	
†Corn Feed Meal	Berwyn	13.18	10.00	**7.82**	5.00	1.93	8.00	
Gamo Horse Feed	Baltimore	12.90	10.50	**10.60**	4.00	3.62	10.00	
Alfalfa Meal	Berwyn	10.00	12.00	**14.39**	1.50	1.25	35.00	3
C. A. Gambrill Manufacturing Company, Inc., Ellicott City, Md.								
Patapsco Mill Feed	Baltimore	10.00	15.00	**15.27**	4.00	4.50	8.50	
Patapsco Mill Feed	Baltimore	10.08	15.00	**15.80**	4.00	4.58	8.50	
Glade Valley Milling Company, Walkersville, Md.								
Pure Winter Wheat Bran	Walkersville	8.98	15.00	**15.45**	4.00	3.63	12.00	
Pure Winter Wheat Middlings	Walkersville	10.50	16.00	**17.20**	4.00	4.60	6.00	
Pure Winter Wheat Middlings	Frederick	10.13	16.00	**17.55**	4.00	4.55	6.00	
Pure Winter Wheat Middlings	Frederick	11.50	16.00	**16.50**	4.00	4.10	6.00	
Wm. O. Goodrich Company, Milwaukee, Wis. P'd. by Chas. A. Krause Milling Company, Milwaukee, Wis.								
Linseed Meal	Hampstead	9.80	34.00	**33.87**	5.00	7.65	10.00	
Green-Mish Company, Washington, D. C.								
*Green Tag Cottonseed Meal	Gaithersburg	8.00	41.00	**40.98**	7.00	5.90	10.00	1
Green Tag Cottonseed Meal	Gaithersburg	7.10	41.00	**42.30**	7.00	6.98	10.00	
Green Tag Cottonseed Meal	Baltimore	8.75	36.00	**35.36**	5.50	5.50	14.00	1
Greensboro Milling Company, Greensboro, Md.								
Pure Wheat Bran	Greensboro	9.30	14.00	**14.66**	4.00	3.90	10.00	
Pure Wheat Middlings	Greensboro	11.83	14.00	**14.57**	4.00	3.70	6.00	
Green Valley Milling Company, Cambridge, Md.								
Chick Feed No. 1	Cambridge	13.08	9.50	**10.18**	4.00	3.28	4.00	
Chick Feed No. 3	Cambridge	9.15	9.50	**10.62**	4.00	5.23	4.00	
Pure Wheat Bran	Cambridge	7.78	14.00	**15.62**	4.00	4.28	10.00	
Pure Wheat Bran	Cambridge	11.75	14.00	**14.22**	4.00	4.05	10.00	
Pure Wheat Middlings	Cambridge	12.63	15.00	**14.30**	4.00	4.90	5.00	
Pure Wheat Middlings	Cambridge	11.23	15.00	**15.45**	4.00	4.53	5.00	
Gwinn Milling Company, Columbus, Ohio P'd. by York Grain and Feed Company, York, Pa.								
Wheat Bran, with Ground Screenings, N.Ex. M.R.	Hampstead	8.90	13.00	**14.22**	4.00	4.40	13.50	
Hales and Hunter Company, Chicago, Ill.								
College Dairy Feed	Laurel	9.65	24.00	**23.87**	5.00	5.15	10.00	
Corn Feed Meal	Laurel	13.53	8.50	**7.99**	2.50	2.05	5.00	
Excelsior Horse Feed	Laurel	11.25	10.00	**10.88**	3.00	4.85	9.00	
Linseed Oil Meal	Laurel	9.13	31.00	**36.42**	5.00	6.30	9.50	
Morning Glory Egg Mash, with Dried BM	Silver Springs	10.63	16.00	**15.80**	4.50	4.70	9.00	
Morning Glory Scratch Feed, N. G.	Silver Springs	13.30	10.00	**10.00**	2.50	3.10	5.00	

* Means deficient in protein or fat. † Means deficient in both protein and fat.

(A)
(B)
(C)
(D)
(E)

FIBRE		INGREDIENTS	
Guaranteed	FOUND	GUARANTEED	IDENTIFIED
3.00	**3.00**	Corn, wheat, Milo, Kaffir, barley, buckwheat, sunflower seed	See below (A)
5.00	**1.95**	Corn, wheat, Milo, Kaffir, millet	As certified
8.00	**3.15**	Siftings from pure cracked corn	As certified
10.00	**8.18**	Corn, oats, alfalfa meal, molasses	As certified
35.00	**30.45**	Ground alfalfa	As certified
8.50	**8.00**	Wheat middlings, wheat bran and ground screenings not exceeding mill run	As certified
8.50	**8.20**	Same as above	See below (B)
12.00	**9.95**	Pure wheat bran	As certified
6.00	**4.33**	Pure wheat middlings	As certified
6.00	**3.98**	Pure wheat middlings	As certified
6.00	**3.33**	Pure wheat middlings	As certified
10.00	**8.30**	Ground linseed	As certified
10.00	**11.58**		As certified
10.00	**9.75**		As certified
14.00	**15.78**		See below (C)
10.00	**8.90**		As certified
6.00	**3.15**		As certified
4.00	**2.98**	Corn, wheat, Kaffir corn, Milo, buckwheat, sunflower seed, oats	See below (D)
4.00	**6.05**	Corn, wheat, Kaffir corn, Milo, buckwheat, sunflower seed, oats	See below (E)
10.00	**8.43**	Pure wheat bran	As certified
10.00	**9.10**	Pure wheat bran	As certified
5.00	**4.85**	Pure wheat middlings	As certified
5.00	**3.28**	Pure wheat middlings	As certified
13.50	**10.00**	Wheat bran with ground screenings	As certified
10.00	**9.68**	Corn feed meal, ground oats, wheat bran, wheat middlings, linseed oil meal, corn gluten feed, cottonseed meal, ground barley malt and salt	As certified
5.00	**2.88**	Corn feed meal	As certified
9.00	**6.18**	Cracked corn, rolled oats, rolled barley	As certified
9.50	**7.40**	Ground flax seed	As certified
9.00	**5.83**	Corn feed meal, ground oats, wheat bran, wheat middlings, cottonseed meal, alfalfa meal, dried buttermilk, meat scraps, not over 5% calcium carbonate	As certified
5.00	**2.93**	Wheat, cracked corn, Kaffir corn, barley, oats, sunflower seed, buckwheat	As certified

(A) Also detected oats; unable to detect sunflower seed.
(B) Also detected chaff.
(C) Also detected excessive amount of hulls.
(D) Also detected weed seed; unable to detect sunflower seed.
(E) Also detected corn by-products.

Manufacturer, Address and Name of Feed	Sampled From	Moisture	Protein		Fat		Fibr	
			Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	
Hales & Hunter Co., Chicago, Ill.—Cont.								
Red Comb Coarse Chick, N. G.	Laurel	12.15	10.00	**10.35**	2.50	2.65	5.00	1
Red Comb Egg Mash, with Dried BM	Laurel	10.80	20.00	**19.22**	4.50	5.40	7.00	5
Red Comb Fine Chick, N. G.	Silver Springs	11.90	10.00	**10.00**	2.50	2.43	5.00	1
Red Comb Fine Chick, N. G.	Laurel	12.58	10.00	**10.09**	2.50	2.78	5.00	1
*Red Comb Growing Mash, with Dried BM	Laurel	10.78	18.00	**16.06**	4.00	4.23	5.00	4
Red Comb Scratch Feed, N. G.	Laurel	12.58	10.00	**10.00**	2.50	3.45	5.00	3
Red Horn Dairy Feed	Laurel	10.35	20.00	**22.59**	4.00	4.53	10.00	8
Dukes T. Hammond, Salisbury, Md.								
*H. W. R. Special Laying Mash	Salisbury	10.18	24.00	**23.96**	5.00	4.23	8.50	7
H. W. R. Special Laying Mash	Salisbury	10.40	24.00	**24.26**	5.00	5.35	8.50	9
H. W. R. Special Laying Mash	Salisbury	10.00	24.00	**24.83**	5.00	5.83	8.50	7
Hampstead Fertilizer Company, Hampstead, Md.								
Home Made Laying Mash	Hampstead	11.18	20.00	**21.85**	4.50	6.23	8.00	8
***Hampstead Milling Company, Hampstead, Md.**								
Winter Wheat Bran, N. Ex. M. R. of Screenings	Hampstead	8.38	14.00	**16.54**	4.00	4.98	10.50	8
Winter Wheat Middlings, N. Ex. M. R. of Screenings	Hampstead	11.80	15.00	**16.19**	4.00	5.20	6.00	4
Hanson and Barzen Milling Co., Thief River Falls, Minn.								
Hard Wheat Bran, with Ground Screenings N. Ex. M. R.	Baltimore	11.43	12.00	**13.95**	4.00	6.18	12.30	8
Hard Wheat Middlings, with Ground Screenings N. Ex. M. R.	Baltimore	12.58	13.00	**14.65**	3.00	6.68	9.00	6
Hugh J. Hazlehurst, Baltimore, Md.								
*Terrapin Brand Fish Meal	Baltimore	10.63	55.00	**52.77**	8.00	**8.00**	2.00	
*Terrapin Brand Fish Meal	Baltimore	9.18	55.00	**53.71**	8.00	**7.90**	2.00	
*Terrapin Brand Fish Meal	Baltimore	7.90	55.00	**55.20**	8.00	**6.25**	2.00	
*Terrapin Brand Fish Meal	Baltimore	7.80	55.00	**53.89**	8.00	**8.85**	2.00	
*Terrapin Brand Fish Meal	Centreville	8.70	55.00	**58.97**	8.00	**6.70**	2.00	
Terrapin Brand Fish Meal	Salisbury	9.23	55.00	**59.67**	8.00	**7.13**	2.00	
Terrapin Brand Fish Meal	Walkersville	7.35	55.00	**55.29**	8.00	**10.73**	2.00	
Terrapin Brand Fish Meal	Baltimore	9.85	55.00	**58.27**	8.00	**9.46**	2.00	
Terrapin Brand Fish Meal	Baltimore	9.25	55.00	**59.22**	8.00	**8.65**	2.00	
Terrapin Brand Meat Scraps	Westminster	6.88	55.00	**55.86**	10.00	**10.78**	2.00	
*Terrapin Brand Meat Scraps	Westminster	4.75	55.00	**49.58**	10.00	**12.33**	2.00	
*Terrapin Brand Meat Scraps	Westminster	6.16	55.00	**49.32**	10.00	**11.62**	2.00	
*Terrapin Brand Meat Scraps	Frederick	7.50	55.00	**53.09**	10.00	**11.78**	2.00	
*Terrapin Brand Meat Scraps	Baltimore	6.50	55.00	**51.51**	10.00	**11.30**	2.00	
*Terrapin Brand Meat Scraps	Westminster	5.80	55.00	**51.45**	10.00	**11.20**	2.00	
Terrapin Brand Meat Scraps	Westminster	7.15	55.00	**54.94**	10.00	**10.90**	2.00	
Terrapin Brand Meat Scraps	Thurmont	7.05	55.00	**55.02**	10.00	**10.93**	2.00	
Terrapin Brand Meat Scraps	Westminster	7.13	55.00	**54.06**	10.00	**11.60**	2.00	

* Means deficient in protein or fat. † Means deficient in both protein and fat.

(A)
(B)

FAT FOUND	FIBRE Guaranteed	FIBRE FOUND	INGREDIENTS — GUARANTEED	IDENTIFIED
2.65	5.00	1.90	Wheat, cracked corn, Kaffir corn, hulled oats, buckwheat	As certified
5.40	7.00	5.28	Corn feed meal, oat flour, wheat middlings, wheat bran, corn gluten feed, meat scraps, alfalfa meal, dried buttermilk, not over 5% calcium carbonate	As certified
2.43	5.00	1.40	Cracked corn, cracked wheat, cracked Kaffir corn, steel cut oats	See below (A)
2.78	5.00	1.30	Same as above	See below (A)
4.23	5.00	4.65	Corn feed meal, corn gluten feed, oat flour, wheat bran, wheat middlings, meat scraps, dried buttermilk, not over 5% calcium phosphate	As certified
3.45	5.00	3.75	Wheat, cracked corn, Kaffir corn, barley, oats, sunflower seed, buckwheat	As certified
4.53	10.00	8.35	Corn feed meal, ground oats, ground barley, wheat bran, linseed oil meal, corn gluten feed, cottonseed meal, hominy feed, wheat middlings, salt	As certified
4.23	8.50	7.38	Wheat bran, wheat middlings, corn feed meal, corn gluten feed, alfalfa meal, meat meal, fish meal, salt	As certified
5.35	8.50	9.60	Same as above	As certified
5.83	8.50	7.98	Same as above	As certified
6.23	8.00	8.50	Wheat middlings, wheat bran, ground oats, ground corn, meat scrap, fish meal, soy bean meal, corn gluten feed, alfalfa meal, salt, charcoal	As certified
4.98	10.50	8.45	Wheat bran with screenings	As certified
5.20	6.00	4.23	Wheat middlings with screenings	As certified
6.18	12.30	8.53	Wheat bran with screenings	As certified
6.68	9.00	6.75	Wheat middlings with screenings	As certified
8.00	2.00	1.60	Fish meal	As certified
7.90	2.00	1.15	Fish meal	As certified
6.25	2.00	1.00	Fish meal	As certified
8.85	2.00	1.53	Fish meal	As certified
6.70	2.00	1.00	Fish meal	As certified
7.13	2.00	.90	Fish meal	As certified
10.73	2.00	.60	Fish meal	As certified
9.46	2.00	.65	Fish meal	As certified
8.65	2.00	.70	Fish meal	As certified
10.78	2.00	1.58	Meat scrap	As certified
12.33	2.00	1.96	Meat scrap	As certified
11.62	2.00	2.03	Meat scrap	As certified
11.78	2.00	2.48	Meat scrap	See below (B)
11.30	2.00	2.35	Meat scrap	As certified
11.20	2.00	2.18	Meat scrap	As certified
10.90	2.00	1.80	Meat scrap	As certified
10.93	2.00	2.10	Meat scrap	As certified
11.60	2.00	1.73	Meat scrap	As certified

(A) Also detected grit.
(B) Also detected hoof.

Manufacturer, Address and Name of Feed	Sampled From	Moisture	Protein		Fat		Fibr	
			Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	
Hugh J. Hazlehurst, Baltimore, Md., Cont.								
Terrapin Brand Meat Scraps	Baltimore	5.81	55.00	**54.58**	10.00	12.95	2.00	2
*Terrapin Brand Meat Scraps	Westminster	6.00	50.00	**47.37**	10.00	12.02	2.00	1
Terrapin Brand Meat Scraps	Baltimore	7.80	50.00	**50.90**	10.00	11.98	2.00	1
*Terrapin Brand Meat Scraps	Westminster	4.73	50.00	**47.36**	10.00	12.23	2.00	2
Terrapin Brand Meat Scraps	Baltimore	6.00	50.00	**51.60**	10.00	15.45	2.00	1
Terrapin Brand Meat Scraps	Baltimore	7.00	45.00	**48.62**	10.00	12.10	2.00	1
Terrapin Brand Meat Scraps	Thurmont	6.65	45.00	**46.16**	10.00	12.38	2.00	2
Hecker-Jones-Jewell Milling Company, Buffalo, N. Y.								
Choice Wheat Bran, with Ground Screenings N. Ex. M. R.	Lewistown	9.08	13.50	**13.95**	3.50	5.65	14.00	10
Hendrix Supply Company, White Hall, Md.								
Pure Wheat Bran	White Hall	9.70	14.00	**15.09**	3.50	4.65	8.00	7
Pure Wheat Middlings	White Hall	12.38	15.00	**15.36**	4.00	4.38	6.00	3
Hickerson Brothers, Rockville, Md.								
Wheat and Corn Bran	Rockville	7.15	14.00	**15.62**	4.50	4.80	10.00	8
Wheat and Corn Bran	Rockville	9.53	14.00	**14.22**	4.50	4.33	10.00	9
Laying Mash	Rockville	10.25	19.00	**18.87**	4.50	5.75	7.00	9
Wheat Middlings	Rockville	10.35	14.00	**14.57**	4.00	3.70	5.00	4
Highland Park Manufacturing Company, Rock Hill, S. C.								
"Choice Quality" Cotton Seed Meal	Rockville	8.80	41.12	**41.16**	7.00	6.85	10.00	10
J. E. Higman and Sons, Millington, Md.								
Pure Wheat Bran	Millington	8.65	13.00	**14.22**	3.00	4.55	9.00	9
Pure Wheat Middlings	Millington	10.90	14.00	**16.23**	4.00	5.85	5.00	4
Hirst and Begley Works, Chicago, Ill.								
Old Process Linseed Meal	Cumberland	9.08	34.00	**34.49**	6.00	6.83	9.00	8
H-O Cereal Company, Inc., Buffalo, N. Y.								
Algrane Steam-Cooked Chick Feed	Parkton	10.95	12.00	**11.15**	3.00	2.95	4.00	1
Reground Oat Feed	Buckeystown	6.60	4.00	**6.67**	2.00	2.95	28.00	27
W. S. Hoge and Bro., Washington, D. C.								
Best Horse Feed	Beltsville	9.52	9.00	**9.75**	3.00	3.75	10.00	8
Best Intermediate Chick Feed	Chestertown	11.10	10.00	**10.71**	3.00	3.63	3.00	2
Bone and Meat Scrap	Centreville	6.83	50.00	**51.25**	10.00	11.35	2.00	1
Capital City Dairy Feed	Chestertown	10.73	16.00	**15.62**	3.00	5.35	10.00	9
Columbia Dairy Feed	Chestertown	10.65	20.00	**20.18**	4.00	5.35	10.00	10
D. C. Chick Feed	Chestertown	10.93	9.00	**11.14**	3.00	4.95	3.00	1
D. C. Scratch Feed	Chestertown	11.23	9.00	**9.92**	3.00	2.75	4.00	2

* Means deficient in protein or fat. † Means deficient in both protein and fat.

FAT		FIBRE		INGREDIENTS	
	FOUND	Guaranteed	FOUND	GUARANTEED	IDENTIFIED
0	12.95	2.00	2.40	Meat scrap	As certified
0	12.02	2.00	1.97	Meat scrap	As certified
0	11.98	2.00	1.88	Meat scrap	As certified
0	12.23	2.00	2.05	Meat scrap	As certified
0	15.45	2.00	1.53	Meat scrap	As certified
0	12.10	2.00	1.78	Meat scrap	As certified
0	12.38	2.00	2.00	Meat scrap	As certified
0	5.65	14.00	10.58	Wheat bran and screenings	As certified
0	4.65	8.00	7.03	Pure wheat bran	As certified
0	4.38	6.00	3.55	Pure wheat middlings	As certified
0	4.80	10.00	8.63	Wheat bran with corn	As certified
0	4.33	10.00	9.10	Same as above	As certified
0	5.75	7.00	9.08	Ground corn, ground oats, middlings with bran and meat meal	As certified
0	3.70	5.00	4.35	Wheat middlings	As certified
0	6.85	10.00	10.43		As certified
	4.55	9.00	9.58	Pure wheat bran	As certified
	5.85	5.00	4.80	Pure wheat middlings	As certified
	6.83	9.00	8.18		As certified
	2.95	4.00	1.58	Cracked corn, cut oat meal, cracked wheat, cracked Kaffir corn, cracked peas	As certified
	2.95	28.00	27.25	Oat middlings, oat shorts and oat hulls	As certified
	3.75	10.00	8.15	Cracked corn, crushed oats, cane molasses, alfalfa meal, ½% salt	As certified
	3.63	3.00	2.68	Cracked corn, wheat, Kaffir corn, hulled oats, 1% buckwheat	As certified
	11.35	2.00	1.90	Cracklings, meat scrap, bone	As certified
	5.35	10.00	9.95	Cottonseed meal, cane molasses, cocoanut oil meal, soybean meal, corn gluten feed, brewers' dried grains, old process oil meal, oat meal mill by-products (oat hulls, oat middlings, oat shorts), reground grain screenings from wheat, ½% calcium carbonate, ½% salt	As certified
	5.35	10.00	10.65	Wheat bran, cottonseed meal, corn gluten feed, cocoanut oil meal, cane molasses, soybean meal, corn gluten meal, wheat middlings, brewers' dried grains', old process oil meal, reground grain screenings from wheat, alfalfa meal, ½%calcium carbonate, ½% salt	As certified
	4.95	3.00	1.75	Cracked corn, Kaffir corn, cracked wheat, millet, hulled oats	As certified
	2.75	4.00	2.85	Cracked corn, barley, Kaffir corn, wheat, buckwheat, oats, recleaned grain screenings from wheat	As certified

Manufacturer, Address and Name of Feed	Sampled From	Moisture	Protein		Fat		Fib
			Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed
W. S. Hoge and Bro., Washington, D. C. Co nt.							
Milkmaker Dairy Feed	Chestertown	9.98	16.50	**17.72**	3.50	**5.00**	10.00
P. X. Dairy Feed	Riverdale	8.03	20.00	**21.24**	5.00	**8.73**	10.00
Smith Hoyle, Boyds, Md.							
Pure Wheat Bran	Boyds	7.83	14.00	**14.65**	4.50	**4.60**	8.00
Pure Wheat Bran	Boyds	11.68	14.00	**14.92**	4.50	**4.65**	8.00
Pure Wheat Middlings	Boyds	12.98	14.00	**16.32**	2.50	**4.75**	3.00
Pure Wheat Middlings	Boyds	10.45	14.00	**17.02**	2.50	**5.12**	3.00
Humphreys-Godwin Company, Memphis, Tenn.							
Bull Brand Cottonseed Meal	Frederick	8.33	43.00	**43.18**	5.00	**7.03**	10.00
Bull Brand Cottonseed Meal	Frederick	6.55	43.00	**42.91**	5.00	**6.43**	10.00
Bull Brand Cottonseed Meal	Frederick	5.77	43.00	**42.56**	5.00	**6.85**	10.00
Bull Brand Cottonseed Meal	Frederick	5.88	43.00	**43.02**	5.00	**6.93**	10.00
Bull Brand Cottonseed Meal	Frederick	6.38	43.00	**42.62**	5.00	**6.95**	10.00
Bull Brand Cottonseed Meal	Cambridge	7.90	43.00	**43.35**	5.00	**7.63**	10.00
Bull Brand Cottonseed Meal	Elkton	7.48	43.00	**43.00**	5.00	**7.05**	10.00
Dixie Brand Cottonseed Meal	Cumberland	8.15	41.12	**41.16**	5.00	**8.60**	10.00
Dixie Brand Cottonseed Meal	Hurlock	7.80	41.12	**39.40**	5.00	**6.83**	10.00
Dixie Brand Cottonseed Meal	Motters	7.43	41.12	**41.16**	5.00	**6.58**	10.00
Dixie Brand Cottonseed Meal	Cumberland	6.88	41.12	**41.42**	5.00	**6.23**	10.00
Dixie Brand Cottonseed Meal	Boyds	7.78	41.12	**41.42**	5.00	**6.53**	10.00
Danish Brand Cottonseed Meal	Baltimore	7.48	36.00	**37.29**	5.00	**6.65**	15.00
Danish Brand Cottonseed Meal	Baltimore	7.60	36.00	**37.73**	5.00	**6.58**	15.00
Danish Brand Cottonseed Meal	Baltimore	6.73	36.00	**37.03**	5.00	**6.65**	15.00
Danish Brand Cottonseed Meal	Westminster	7.93	36.00	**37.22**	5.00	**5.78**	15.00
*Danish Brand Cottonseed Meal	Chewsville	8.44	36.00	**33.38**	5.00	**5.33**	15.00
*Danish Brand Cottonseed Meal	Baltimore	8.10	36.00	**33.02**	5.00	**5.18**	15.00
Hurlock Milling Company, Hurlock, Md.							
Pure Wheat Bran	Hurlock	8.28	14.50	**14.74**	4.00	**4.00**	9.00
Pure Wheat Middlings	Hurlock	10.45	15.00	**15.88**	4.00	**4.60**	5.00
Wheat Middlings, with Ground Screenings	Salisbury	12.38	15.00	**15.09**	4.00	**4.48**	5.00
J. F. Imbs Milling Company, Belleville, Ill.							
Charm Pure Winter Wheat Bran	Westminster	11.78	14.50	**15.80**	3.50	**4.48**	10.00
Independent Manufacturing Company, Ph iladelphia, Pa.							
Beef Scrap and Bone	Frederick	5.70	55.00	**56.21**	8.00	**10.73**	3.00
Beef Scrap and Bone	Hagerstown	6.23	55.00	**55.11**	8.00	**9.85**	3.00
Beef Scrap and Bone	Frederick	6.03	55.00	**55.07**	8.00	**11.05**	3.00
Beef Scrap and Bone	Frederick	5.15	55.00	**56.25**	8.00	**11.33**	3.00
Beef Scrap and Bone	Baltimore	5.15	50.00	**49.09**	8.00	**12.25**	3.00
*Beef Scrap and Bone	Baltimore	5.00	50.00	**48.21**	8.00	**12.25**	3.00
Beef Scrap and Bone	Baltimore	6.23	45.00	**45.90**	8.00	**12.75**	3.00
Beef Scrap and Bone	Hagerstown	5.20	45.00	**45.63**	8.00	**11.70**	3.00
*Blood Feeding Tankage	Cumberland	7.48	60.00	**65.03**	5.00	**4.13**	5.00
Poultry Bone Meal	Cumberland	9.33	23.00	**24.22**	.50	**.20**	1.00

* Means deficient in protein or fat. † Means deficient in both protein and fat.

(A)
(B)

FAT FOUND	FIBRE Guaranteed	FIBRE FOUND	INGREDIENTS GUARANTEED	INGREDIENTS IDENTIFIED
5.00	10.00	10.70	Wheat bran, cane molasses, cottonseed meal, cocoanut oil meal, soybean meal, corn gluten feed, wheat middlings, brewers' dried grains, old process oil meal, oat meal mill by-products (oat hulls, oat middlings, oat shorts), reground grain screenings from wheat, alfalfa meal, ½% calcium carbonate, ½% salt	As certified
8.73	10.00	9.88	Corn feed meal, peanut meal, cottonseed meal, wheat bran, ground oats, dried malt grains, peanut red skin meal, corn gluten feed, cocoanut oil meal, peanut skins, salt, calcium carbonate	As certified
4.60	8.00	9.55	Pure wheat bran	As certified
4.65	8.00	4.13	Pure wheat bran	As certified
4.75	3.00	3.50	Pure wheat middlings	As certified
5.12	3.00	4.53	Pure wheat middlings	As certified
7.03	10.00	8.90	Pressed cottonseed	As certified
6.43	10.00	10.90	Same as above	As certified
6.85	10.00	7.60	Same as above	As certified
6.93	10.00	9.13	Same as above	As certified
6.95	10.00	9.30	Same as above	As certfiied
7.63	10.00	8.80	Same as above	As certified
7.05	10.00	7.88	Same as above	As certified
8.60	10.00	8.03	Same as above	As certified
6.83	10.00	10.23	Same as above	As certified
6.58	10.00	10.33	Same as above	As certified
6.23	10.00	9.85	Same as above	As certified
6.53	10.00	8.75	Same as above	As certified
6.65	15.00	12.35	Cottonseed meal and cottonseed hulls	As certified
6.58	15.00	11.80	Same as above	As certified
6.65	15.00	12.25	Same as above	As certified
5.78	15.00	13.73	Same as above	As certified
5.33	15.00	15.03	Same as above	See below (A)
5.18	15.00	15.90	Same as above	See below (A)
4.00	9.00	9.83	Pure wheat bran	As certified
4.60	5.00	4.65	Pure wheat middlings	As certified
4.48	5.00	5.85	Wheat middlings, with ground screenings	See below (B)
4.48	10.00	8.70	Pure wheat bran	As certified
10.73	3.00	1.90	Meat scrap and bone	As certified
9.85	3.00	2.28	Meat scrap and bone	As certified
11.05	3.00	1.95	Meat scrap and bone	As certified
11.33	3.00	2.25	Meat scrap and bone	As certified
12.25	3.00	2.98	Meat scrap and bone	As certified
12.25	3.00	1.93	Meat scrap and bone	As certified
12.75	3.00	1.63	Meat scrap and bone	As certified
11.70	3.00	2.23	Meat scrap and bone	As certified
4.13	5.00	1.38	Feeding tankage	As certified
.20	1.00	1.70	Bone meal	As certified

(A) Also detected excessive amount of hulls.
(B) Also detected corn bran, grits and wheat bran.

Manufacturer, Address and Name of Feed	Sampled From	Moisture	Protein		Fat		Fibre	
			Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	
International Milling Company, Minneapolis, Minn.								
Blackhawk Wheat Flour Middlings	Salisbury	11.23	16.50	**16.85**	3.50	**4.68**	4.50	3
W. J. Jennison Company, Minneapolis, Minn. P'd. by C. W. Wagar and Company, Philadelphia, Pa.								
Sweet Cream Pure Wheat Bran	Westminster	9.95	14.50	**13.52**	4.50	**5.85**	11.50	11
Sweet Cream Wheat Flour Middlings, with Ground Screenings N. Ex. M. R.	Westminster	10.98	16.50	**17.90**	4.50	**5.53**	6.00	6
R. D. Johnson Milling Company, Cumberland, Md.								
Atlas Chick Feed	Cumberland	11.58	9.00	**9.35**	2.50	**3.80**	5.00	1
Atlas Hog Feed	Cumberland	10.30	12.00	**11.41**	3.00	**4.40**	8.00	5
*Corn, Oat and Barley Chop	Cumberland	8.78	9.51	**8.56**	4.15	**2.75**	10.27	12
Corn Feed Meal	Cumberland	10.95	9.00	**9.39**	3.00	**4.83**	5.00	3
*Atlas Egg Mash	Cumberland	10.23	18.00	**12.11**	4.00	**4.25**	7.00	11
*Scratch Feed	Cumberland	11.65	11.50	**9.13**	3.46	**3.08**	2.48	2
Wheat Bran and Screenings	Cumberland	9.35	13.02	**16.37**	3.22	**5.80**	8.70	9
Wheat Shorts, with M. R. Screenings	Cumberland	11.53	16.00	**16.94**	4.00	**5.28**	9.00	7
Wm. Kalb and Sons, Inc., Baltimore, Md. P'd. by E. Steen and Bro., Baltimore, Md.								
Red "K" Brand Scratch Feed	Baltimore	11.60	10.00	**10.09**	2.50	**3.03**	8.00	3
Kasco Mills, Inc., Toledo, Ohio								
Apex Chick Feed	Easton	13.00	10.00	**10.09**	2.50	**2.40**	4.00	1
Apex Scratch Grains	Easton	12.83	10.00	**10.35**	2.50	**3.13**	4.00	4
Keedysville Milling Company, Keedysville, Md.								
Pure Wheat Bran	Keedysville	7.73	16.67	**15.89**	4.35	**4.03**	8.90	8
Pure Wheat Middlings	Keedysville	11.10	16.76	**16.94**	3.70	**4.10**	3.30	3
Keever Starch Company, Columbus, Ohio								
Gluten Feed	Hagerstown	8.65	20.00	**19.79**	3.00	**3.05**	8.00	7
Kellogg Company, Davenport, Iowa								
Oat Feed	Greensboro	7.80	5.00	**4.91**	1.50	**1.58**	30.00	32
L. Kellum and Company, Baltimore, Md.								
Chick Starter	Baltimore	9.00	10.00	**12.95**	3.00	**3.60**	5.00	2
Dry Mash	Baltimore	8.55	16.00	**18.52**	3.50	**3.70**	10.00	11
Scratch Grains	Baltimore	10.80	10.00	**11.93**	3.00	**3.18**	5.00	3
Kline Brothers, Inc., Boonsboro, Md.								
Fancy Scratch Grains	Benevola	13.00	10.00	**10.00**	2.50	**3.03**	5.00	2
Pure Winter Wheat Bran	Benevola	10.18	14.00	**14.96**	4.00	**6.45**	9.00	9
Pure Winter Wheat Middlings	Benevola	12.53	15.00	**17.38**	4.00	**5.55**	5.00	4
Chas. F. Knock, Frederick, Md.								
Laying Mash	Frederick	10.40	15.00	**17.20**	3.00	**6.43**	7.00	6
Scratch Feed	Frederick	10.95	8.00	**9.21**	3.00	**2.85**	5.00	2
Koller Fertilizer Company, Seitzland, Pa.								
Digester Feeding Tankage	Frederick	7.33	50.00	**56.54**	5.00	**9.13**	4.00	2

* Means deficient in protein or fat. † Means deficient in both protein and fat.

(A)
(B)
(C)
(D)

FIBRE		INGREDIENTS	
Guaranteed	FOUND	GUARANTEED	IDENTIFIED
4.50	**3.05**	Wheat flour middlings	As certified
11.50	**11.30**	Pure wheat bran	As certified
6.00	**6.83**	Wheat flour middlings, with ground screenings	As certified
5.00	**1.98**	Steel cut oats, wheat, corn	As certified
8.00	**5.43**	Cottonseed meal, wheat middlings, alfalfa, linseed meal, corn feed	See below (A)
10.27	**12.25**	Corn, oats and barley	See below (B)
5.00	**3.58**	Corn feed meal	As certified
7.00	**11.10**	Corn meal, linseed meal, bran, middlings, meat scrap, alfalfa meal	As certified
2.48	**2.48**	Wheat, Milo, Kaffir, barley, Indian corn, buckwheat, sunflower seed	See below (C)
8.70	**9.12**	Wheat bran, with screenings	As certified
9.00	**7.50**	Wheat shorts, with screenings	As certified
8.00	**3.20**	Wheat, cracked corn, barley, Kaffir corn, buckwheat, sunflower seed	As certified
4.00	**1.75**	Cracked wheat, cracked corn, cracked Milo and steel cut oats	As certified
4.00	**4.13**	Cracked corn, wheat, barley, buckwheat, Kaffir corn, or Milo maize, sunflower seed	As certified
8.90	**8.85**	Pure wheat bran	As certified
3.30	**3.43**	Pure wheat middlings	As certified
8.00	**7.05**	Corn starch by-product, with corn bran	As certified
30.00	**32.43**	Oat middlings, oat shorts, oat hulls	As certified
5.00	**2.63**	Cracked corn, Kaffir, wheat screenings, shell, bone, millet	Also detected cracked rye
10.00	**11.05**	Meat meal, buttermilk, ground corn, alfalfa, shell, wheat screenings, flax seed, cotton seed	See below (D)
5.00	**3.70**	Corn, barley, wheat screenings, hemp, sunflower seed, Kaffir	Also detected buckwheat
5.00	**2.98**	Corn, wheat, wheat screenings, Milo, Kaffir, barley, buckwheat and sunflower seed	As certified
9.00	**9.80**	Pure wheat bran	As certified
5.00	**4.38**	Pure wheat middlings	As certified
7.00	**6.20**	Beef scrap, buttermilk, wheat bran, wheat middlings, gluten feed, alfalfa, corn feed meal, linseed meal	As certified
5.00	**2.63**	Cracked corn, wheat, barley, buckwheat, sunflower seed	As certified
4.00	**2.90**	Digester tankage	As certified

(A) Also detected whole oats and barley; unable to detect linseed meal.
(B) Also detected buckwheat, buckwheat hulls, excess of oat hulls.
(C) Also detected grit; unable to detect kaffir.
(D) Also detected feed, cracked corn, whole peas and grit.

Manufacturer, Address and Name of Feed	Sampled From	Moisture	Protein		Fat	
			Guaranteed	FOUND	Guaranteed	FOUND
Chas. A. Krause Milling Company, Milwaukee, Wis.						
Amerikorn Dairy Ration	Motters	8.98	24.00	**25.97**	5.00	**5.75**
Blue Top Chick Feed—No Grit	Baltimore	13.55	10.00	**10.27**	1.50	**3.00**
Blue Top Egg Mash	Baltimore	11.73	20.00	**20.53**	5.00	**5.00**
Blue Top Scratch Feed—No Grit	Baltimore	13.48	10.00	**10.09**	1.50	**2.68**
Blue Top Scratch Feed—No Grit	Baltimore	14.48	10.00	**10.35**	1.50	**2.80**
Badger 16½% Sweet Dairy	Baltimore	11.85	16.50	**15.89**	3.50	**6.78**
Cream City Scratch Feed—No Grit	Baltimore	11.20	10.00	**10.00**	1.50	**2.73**
Kookoo Baby Chick Starter Mash	Baltimore	9.75	14.00	**15.53**	4.50	**5.52**
Kookoo Egg Mash	Derwood	9.98	20.00	**20.53**	5.25	**5.28**
Kookoo Growing Mash	Derwood	9.33	17.00	**18.78**	5.25	**5.75**
Kramco Dairy Ration	Motters	9.13	20.00	**21.59**	4.00	**5.48**
Sugared Badger Stock Feed	Westminster	9.65	10.00	**9.57**	3.00	**3.45**
Sweet Cud Dairy Ration	Derwood	7.63	20.00	**20.62**	4.50	**5.73**
Ladish Company, Milwaukee, Wis.						
Lacto 16% Sweet Dairy Feed	Cumberland	9.23	16.50	**16.50**	3.50	**3.50**
National Stock Feed	Cumberland	8.10	9.50	**10.88**	3.00	**3.28**
Record Maker Dairy Feed	Cumberland	8.43	24.00	**24.27**	4.50	**5.23**
True Value Egg Mash, with BM	Cumberland	9.40	20.00	**22.60**	5.00	**5.25**
True Value Dairy Feed	Cumberland	8.38	24.00	**25.62**	5.00	**6.83**
True Value Pigeon Feed	Cumberland	11.33	11.00	**13.47**	3.00	**3.45**
True Value Scratch Feed	Cumberland	10.85	10.00	**10.88**	3.00	**2.63**
La Grange Mills, Red Wing, Minn.						
Wheat Standard Middlings, with Ground Screenings N. Ex. M. R.	Cumberland	10.90	16.10	**15.76**	5.30	**5.78**

* Means deficient in protein or fat. † Means deficient in both protein and fat.

Fibre		INGREDIENTS	
Guaranteed	FOUND	GUARANTEED	IDENTIFIED
10.00	10.93	Corn gluten meal, brewers' dried grains, corn gluten feed, O. P. linseed oil meal, cottonseed meal, badger hominy feed, wheat bran, wheat middlings (with mill run screenings), salt, molasses	As certified
5.00	1.88	Corn, wheat, Milo maize or Kaffir corn, millet and oat groats	As certified
7.00	5.75	Meat scraps, dried buttermilk, corn gluten meal, wheat bran and wheat middlings (with mill run screenings), corn flour, badger hominy feed, ground screenings from wheat and salt	As certified
5.00	2.75	Wheat, corn, Milo or Kaffir corn, barley, oats, buckwheat and sunflower seed	As certified
5.00	3.30	Same as above	As certified
12.00	11.00	Cottonseed meal, ground screenings from wheat, O. P. linseed oil meal, oat meal mill by-products (oat hulls, oat middlings and oat shorts), wheat bran, molasses, salt, edible bone meal, calcium carbonate	As certified
5.00	2.83	Wheat, corn, Milo maize or Kaffir corn, barley, oats, buckwheat screenings and sunflower seed, buckwheat	As certified
3.00	6.72	Dried buttermilk, wheat meal, oat meal, corn flour, wheat middlings, wheat bran, fine alfalfa meal, badger hominy feed, fish meal, bone meal and salt	As certified
6.00	6.38	Meat scraps, corn gluten meal, fish meal, dried buttermilk, corn flour, wheat bran, wheat middlings, fine alfalfa meal, badger hominy feed, bone meal and salt	As certified
6.50	7.93	Meat scraps, corn gluten meal, dried buttermilk, fish meal, fine alfalfa meal, corn flour, wheat bran, wheat middlings, badger hominy feed, bone meal and salt	As certified
11.00	10.93	Badger hominy feed, beet pulp, O. P. linseed oil meal, prime cottonseed meal, corn gluten feed, wheat bran, wheat middlings (with mill run screenings), and salt	Also detected Distillers' dried grains
12.00	18.98	Badger hominy feed, cottonseed meal, ground corn, oat meal mill by-products, (oat hulls, oat middlings and oat shorts), molasses and salt	Also detected wheat bran
12.00	15.53	Corn gluten feed, cottonseed meal, ground screenings from wheat, linseed oil meal, badger hominy feed, wheat bran, (with mill run screenings), oat meal mill by-products (oat middlings, oat hulls and oat shorts), molasses and salt	As certified
12.00	12.18	Corn gluten feed, cottonseed meal, wheat bran, ground grain screenings, oat middlings, oat shorts, oat hulls, molasses, 1% calcium carbonate and 1% salt	As certified
12.00	15.59	Ground oats, hominy feed, ground corn, cottonseed meal, wheat bran, oat middlings, oat shorts, oat hulls and 1% salt	As certified
12.00	11.33	Prime cottonseed meal, Old Process linseed oil meal, Old Process copra meal (cocoanut oil meal), corn gluten feed, wheat bran, alfalfa meal, pure ground oats, molasses and 1% salt	As certified
10.00	7.65	Dried buttermilk, flour middlings, wheat bran, Old Process linseed oil meal, fine alfalfa meal, corn gluten feed, corn meal, oat meal, and 1% salt, meat meal	As certified
10.00	10.13	Cottonseed meal, Old Process linseed oil meal, corn gluten feed, ground oats, corn meal, wheat bran, standard wheat middlings, dried beet pulp and 1% salt	As certified
4.00	3.18	Wheat, Milo maize or Kaffir corn, field peas and buckwheat	See below (A)
5.00	3.25	Cracked corn, barley, Kaffir corn or Milo maize, wheat, buckwheat and sunflower seed	Also detected oats
9.50	7.65	Wheat middlings, with ground screenings	As certified

(A) Also detected wild oats, hemp seed and weed seed.

Manufacturer, Address and Name of Feed	Sampled From	Moisture	Protein		Fat		Fibr	
			Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	
Lake Erie Milling Company, Toledo, Ohio								
Erie Dairy Feed	Baltimore	11.60	16.00	**16.41**	3.50	**3.55**	15.00	13
Erie Horse Feed	Baltimore	12.80	7.00	**7.99**	2.00	**2.08**	10.00	11
Erie Laying Mash	Baltimore	12.65	18.00	**20.53**	4.50	**4.20**	6.50	6
Green Gold Horse Feed	Baltimore	11.28	7.50	**9.97**	2.00	**2.54**	11.50	11
Toledo Dairy Feed	Millington	9.88	18.00	**17.47**	3.50	**4.30**	12.00	14
Toledo Scratch Feed	Baltimore	15.05	10.00	**10.00**	3.00	**3.48**	6.00	2
Zambo Dairy Feed	Baltimore	9.40	24.00	**24.64**	4.00	**5.34**	10.00	7
Zambo Horse Feed	Baltimore	13.00	6.50	**8.88**	1.50	**2.67**	12.00	11
Zambo Pure Middlings	Oakland	11.43	15.00	**15.18**	4.00	**3.70**	8.00	4
Zambo Scratch Feed	Baltimore	11.43	10.00	**10.27**	2.50	**2.80**	6.00	2
Lake Shore Elevator Company, Clevela P'd. by Standard Milling Company, Clarks	**nd, Ohio burg, W. Va.**							
Quality Laying Mash, with BM	Oakland	8.70	20.00	**20.27**	4.00	**5.30**	8.00	6
Lakeview Milling Company, Chambersburg	**, Pa.**							
Soft Winter Wheat Bran	Chewsville	7.90	14.00	**15.45**	4.00	**4.88**	9.50	9
Soft Winter Wheat Middlings	Chewsville	11.05	15.00	**16.94**	4.00	**4.60**	7.00	5
Lake of the Woods Milling Company, Mon	**treal, Canada**							
Wheat Bran	Frederick	8.55	15.00	**14.67**	3.50	**5.53**	11.00	10
Wheat Bran	Frederick	7.85	15.00	**14.20**	3.50	**5.65**	11.00	11
Larabee Flour Mills Corp., Kansas City, M	**o.**							
Pure Winter Wheat Gray Middlings	Grantsville	11.33	17.00	**18.52**	4.50	**5.23**	5.50	4
Red Dog	Grantsville	10.33	15.00	**16.50**	3.00	**2.60**	3.50	1
Wheat Bran and Wheat Screenings	Grantsville	9.18	15.00	**17.02**	3.50	**4.50**	10.00	8
Larrowe Milling Company, Detroit, Mich.								
Dried Beet Pulp	Baltimore	9.88	8.00	**9.13**	.50	**1.10**	22.00	18
Hog Feed	Silver Springs	9.88	18.00	**18.43**	5.00	**4.98**	10.00	7
Larro The Ready Ration for Dairy Cows	Silver Springs	8.80	20.00	**21.15**	4.00	**4.38**	12.00	11
Larro, The Ready Ration for Dairy Cows	Taneytown	8.98	20.00	**20.88**	4.00	**4.45**	12.00	11
Larro, The Ready Ration for Dairy Cows	Chestertown	9.53	20.00	**19.83**	4.00	**4.13**	12.00	11
Larro, Egg Mash	Fullerton	8.93	19.00	**19.83**	5.00	**5.33**	8.00	7
Larro Egg Mash	Silver Springs	8.28	19.00	**20.97**	5.00	**5.21**	8.00	7
Lawrenceburg Roller Mills Company, Lawr	**enceburg, Ind.**							
"Snowflake" Bran and Ground Screenings	Oakland	7.58	14.50	**15.62**	3.00	**3.23**	10.00	9

* Means deficient in protein or fat. † Means deficient in both protein and fat.

(A) Also
(B) Una

Fibre		INGREDIENTS	
Guaranteed	FOUND	GUARANTEED	IDENTIFIED
15.00	**13.70**	Molasses, cottonseed meal, wheat bran, linseed oil meal, ground screenings from wheat, distillers' dried grain, corn gluten, ground oats, toasted wheat bran, ½ of 1% salt	As certified
10.00	**11.73**	Cracked corn, flaked oats, alfalfa meal, clipped oat by-product, molasses and ½ of 1% salt	As certified
6.50	**6.48**	Corn meal, wheat bran, wheat middlings, meat scrap, bean meal, oil meal, bone meal, alfalfa meal, dried buttermilk, calcium carbonate and ½ of 1% salt	Also detected oat hulls
11.50	**11.70**	Molasses, cracked corn, flaked oats, alfalfa meal and ½ of 1% salt	As certified
12.00	**14.13**	Molasses, wheat bran, ground screenings from wheat (cereal wheat feed or toasted wheat bran), linseed oil meal, wheat middlings, corn gluten, cottonseed meal, distillers' grains, clipped oat by-product and ½ of 1% salt	As certified
6.00	**2.35**	Cracked corn, barley, wheat, oats, buckwheat and Milo or Kaffir corn	As certified
10.00	**7.17**	Corn gluten feed, cottonseed meal, linseed oil meal, wheat bran, wheat middlings, molasses, calcium carbonate, brewers' dried grains and ½ of 1% salt	As certified
12.00	**11.45**	Cracked corn, oats, oat feed, molasses, alfalfa meal, oat middlings, oat hulls and ½ of 1% salt	As certified
8.00	**4.90**	Pure wheat middlings	As certified
6.00	**2.93**	Cracked corn, wheat, Milo maize or Kaffir, buckwheat, barley and sunflower seed	See below (A)
			See below (B)
8.00	**6.60**	Buttermilk, meat scrap, bone, oil meal, corn meal, wheat bran, wheat middlings, charcoal, alfalfa meal	As certified
9.50	**9.20**	Pure wheat bran	As certified
7.00	**5.90**	Pure wheat middlings	As certified
11.00	**10.73**	Pure wheat bran	As certified
11.00	**11.48**	Pure wheat bran	As certified
5.50	**4.80**	Pure wheat gray middlings	As certified
3.50	**1.95**	Wheat Red Dog	As certified
10.00	**8.98**	Wheat bran and wheat screenings	As certified
22.00	**18.83**	Residue of sugar beets dried after extraction of sugar	As certified
10.00	**7.60**	Corn germ meal, Old Process linseed oil meal, hominy feed, digester tankage, standard wheat middlings, wheat bran, dried beet pulp, ½ of 1% salt	As certified
12.00	**11.73**	Cotton seed meal, corn gluten feed, O. P. linseed oil meal, standard wheat middlings, wheat bran, dired beet pulp, ¾% salt	As certified
12.00	**11.10**	Same as above	As certified
12.00	**11.45**	Same as above	As certified
8.00	**7.28**	Fine ground feeding oat meal, standard wheat middlings, yellow hominy feed, meat scrap, wheat bran, dried buttermilk, alfalfa meal, bone meal, ¾%salt, ¾% calcium carbonate	As certified
8.00	**7.92**	Same as above	As certified
10.00	**9.60**	Wheat bran containing ground screenings, not exceeding mill run	As certified

(A) Also detected screenings.
(B) Unable to detect sunflower seed.

Manufacturer, Address and Name of Feed	Sampled From	Moisture	Protein		Fat		Fibre	
			Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	
E. P. Leiter, Funkstown, Md.								
Laying Mash	Funkstown	10.35	20.00	**20.45**	5.00	**5.25**	7.00	9
*Laying Mash	Funkstown	11.03	20.00	**18.03**	5.00	**5.13**	7.00	7
Scratch Feed	Funkstown	13.28	10.00	**10.49**	2.50	**2.45**	5.00	3
Liberty Milling Company, Germantown, Md.								
Egg Mash	Germantown	10.90	20.00	**20.36**	4.50	**5.03**	7.50	6
Scratch Grains	Germantown	12.20	10.00	**10.44**	3.00	**3.15**	5.00	3
*Winter Wheat Middlings, with Mill Run Ground Screenings	Germantown	12.90	15.00	**13.91**	4.00	**3.83**	6.00	4
Winter Wheat Middlings, with Mill Run Ground Screenings	Hyattsville	12.63	15.00	**15.27**	4.00	**4.15**	6.00	5
J. O. Loch Milling Company, Nebraska City, Neb.								
Alfacream	Baltimore	13.93	10.00	**12.33**	.50	**.40**	25.00	18
Louisville Milling Company, Inc., Louisville, Ky.								
Sunny South Hominy Feed	Fallston	9.73	10.00	**11.06**	7.00	**6.75**	6.00	5
Sunny South Pure Wheat Bran	Westminster	8.83	14.50	**16.23**	4.00	**4.43**	8.75	9
L. B. Lovitt and Company, Memphis, Tenn.								
41% Cotton Seed Meal	Forest Hill	8.28	41.00	**41.59**	6.00	**7.20**	10.00	9
41% Cotton Seed Meal	Germantown	5.70	41.00	**43.26**	6.00	**8.00**	10.00	8
43% Cotton Seed Meal	Frederick	7.68	43.00	**43.70**	6.00	**6.48**	10.00	8
43% Cotton Seed Meal	Frederick	7.33	43.00	**42.56**	6.00	**6.65**	10.00	8
43% Cotton Seed Meal	Preston	9.15	43.00	**43.35**	6.00	**5.83**	10.00	9
43% Cotton Seed Meal	Conowingo	8.85	43.00	**43.61**	6.00	**6.53**	10.00	9
Walter F. Macneal and Company, Baltimore, Md.								
"Guilford" Chick Feed	Baltimore	10.98	10.00	**12.90**	3.00	**2.98**	4.00	3
"Guilford" Scratch Feed	Baltimore	12.35	10.00	**10.88**	3.00	**2.88**	4.00	3
White Middlings, with Ground Screenings N. Ex. M. R.	Reisterstown	11.14	15.00	**16.23**	4.00	**4.35**	6.00	5
McMillen Company, Fort Wayne, Ind.								
Wayne Chick Feed	Westminster	10.83	9.00	**9.39**	2.50	**2.20**	5.00	2
Wayne Chick Starter, with Dried BM	Westminster	12.40	13.00	**14.65**	3.50	**3.85**	6.00	4
Wayne Egg Mash, with Dried BM	Westminster	10.65	20.00	**20.18**	3.70	**5.05**	8.00	6
Wayne Growing Mash, with Dried BM	Westminster	10.85	17.00	**17.46**	4.00	**4.75**	6.00	4
Wayne Pig and Hog Meal	Westminster	10.20	18.00	**18.08**	3.50	**5.23**	8.00	7
Wayne Poultry Developer	Westminster	11.45	10.00	**10.35**	2.50	**2.70**	5.00	2
Wayne Supreme Horse Feed	Westminster	8.00	9.50	**9.90**	3.50	**3.30**	7.00	6
Jumbo Stock Feed	Mt. Lake Park	11.30	9.00	**8.74**	3.50	**4.60**	12.00	12

* Means deficient in protein or fat. † Means deficient in both protein and fat.

FAT FOUND	FIBRE Guaranteed	FIBRE FOUND	INGREDIENTS — GUARANTEED	INGREDIENTS — IDENTIFIED
5.25	7.00	9.13	Wheat bran, wheat middlings, corn meal, oat flour, meat scraps, alfalfa meal, gluten feed, Old Process oil meal, powdered charcoal, salt	As certified
5.13	7.00	7.48	Same as above	As certified
2.45	5.00	3.28	Cracked corn, wheat, barley, buckwheat, Kaffir corn, sunflower seed	As certified
5.03	7.50	6.63	Buttermilk, middlings, bran, alfalfa, meat meal, ground oats, corn meal, linseed meal, gluten feed, salt, charcoal	As certified
3.15	5.00	3.20	Cracked corn, Kaffir corn, buckwheat, wheat, barley, whole oats	As certified
3.83	6.00	4.18	Wheat middlings, with ground screenings	As certified
4.15	6.00	5.63	Wheat middlings, with ground screenings	As certified
.40	25.00	18.58	Alfalfa meal and molasses	As certified
6.75	6.00	5.55	Hominy feed	As certified
4.43	8.75	9.83	Pure wheat bran	As certified
7.20	10.00	9.83	Decorticated cotton seed	As certified
8.00	10.00	8.35	Same as above	As certified
6.48	10.00	8.55	Decorticated cotton seed	As certified
6.65	10.00	8.78	Same as above	As certified
5.83	10.00	9.18	Same as above	As certified
6.53	10.00	9.90	Same as above	As certified
2.98	4.00	3.10	Cracked Kaffir corn, recleaned wheat screenings, cracked corn, cracked wheat	As certified
2.88	4.00	3.38	Wheat, Kaffir corn, barley, cracked corn, buckwheat, sunflower seed	As certified
4.35	6.00	5.28	Wheat middlings, with mill run of ground screenings, low grade flour	As certified
2.20	5.00	2.10	Wheat, corn, Kaffir, Milo, millet	As certified
3.85	6.00	4.90	Dried buttermilk, meat scraps, hulled oats, wheat middlings, cut wheat, corn meal, fine ground alfalfa meal, bone meal, molasses	As certified
5.05	8.00	6.45	Dried buttermilk, meat scraps, wheat bran, wheat middlings, corn gluten feed, ground barley, corn feed meal, linseed oil meal, alfalfa meal, molasses	As certified
4.75	6.00	4.70	Dried buttermilk, meat scraps, linseed oil meal, wheat middlings, wheat bran, corn meal, ground barley, fine ground oat meal, fine ground alfalfa meal, bone meal, molasses	As certified
5.23	8.00	7.75	Corn germ meal, corn gluten feed, wheat middlings, cocoanut oil meal, Red Dog flour, ground barley, corn feed meal, linseed oil meal, digester tankage, alfalfa meal, ½ of 1% salt, molasses	As certified
2.70	5.00	2.80	Wheat, cracked corn, Kaffir, Milo, millet, buckwheat	As certified
3.30	7.00	6.83	Wheat bran, rolled corn, rolled oats, molasses	As certified
4.60	12.00	12.85	Ground corn, ground oats, ground barley, corn feed meal, oat hulls, oat middlings, oat shorts, ground screenings from wheat, oats, barley and Kaffir	As certified

Manufacturer, Address and Name of Feed	Sampled From	Moisture	Protein		Fat		Fibre	
			Guaranteed	Found	Guaranteed	Found	Guaranteed	
Mann Brothers Company, Buffalo, N. Y.								
34% Protein Pure Old Process Linseed Meal	Baltimore	9.65	34.00	**33.64**	6.00	**7.27**	10.00	
34% Protein Pure Old Process Linseed Meal	Hagerstown	12.18	34.00	**33.13**	6.00	**7.28**	10.00	
34% Protein Pure Old Process Linseed Meal	Westminster	10.45	34.00	**34.22**	6.00	**6.88**	10.00	
Maple Flake Mills, Inc., Chicago, Ill.								
Oat Feed	Greensboro	7.85	5.50	**4.87**	1.50	**1.35**	30.00	2
Oat Middlings	Westminster	8.35	16.50	**17.07**	6.00	**6.23**	6.50	
Marianna Sales Co., Memphis, Tenn.								
"White Mule Brand" Cotton Seed Meal	Rising Sun	7.23	41.00	**45.24**	6.00	**7.45**	10.00	
"White Mule Brand" Cotton Seed Meal	Providence	7.68	41.00	**40.24**	6.00	**8.55**	10.00	
"White Mule Brand" Cotton Seed Meal	Easton	7.73	41.00	**40.72**	6.00	**5.80**	10.00	1
Marion Cotton Oil Co., Marion, S. C.								
Pee Dee Brand Cotton Seed Meal	Rockville	7.65	41.00	**42.03**	6.00	**6.40**	10.00	1
Pee Dee Brand Cotton Seed Meal	Emmitsburg	7.45	41.00	**42.56**	6.00	**6.68**	10.00	1
Pee Dee Brand Cotton Seed Meal	Rockville	8.10	41.00	**40.98**	6.00	**6.40**	10.00	1
36% Protein Cotton Seed Meal Prime Quality	Buckeystown	7.85	36.00	**38.41**	5.00	**5.83**	12.00	1
Maritime Milling Co., Inc., Buffalo, N. Y.								
Bull Brand Dairy Ration	Baltimore	9.75	24.00	**23.56**	6.00	**5.55**	12.00	
Bull Brand Developing Feed	Baltimore	13.45	10.00	**9.56**	2.00	**2.50**	5.00	
Bull Brand Growing Mash, with Dried BM	Baltimore	10.35	18.00	**17.51**	5.00	**5.85**	7.00	
Bull Brand Laying Mash, with Dried BM	Baltimore	9.88	20.00	**20.36**	5.00	**6.15**	8.00	
Bull Brand Scratch Feed	Baltimore	12.90	11.00	**10.09**	2.50	**2.23**	4.00	
Bull Brand Wheat Flour Middlings, N. Ex. M. R. of Screenings	Cambridge	9.73	15.00	**17.99**	4.00	**5.08**	6.00	
Red E Laying Mash	Bel Air	8.73	18.00	**17.38**	5.00	**6.10**	9.00	
Red E Mixt Scratch Feed	Baltimore	12.23	10.00	**10.27**	2.50	**3.38**	4.00	
Lewis S. Martin, Maugansville, Md.								
Laying Mash	Maugansville	10.03	20.00	**21.67**	5.00	**5.93**	7.00	
Matthews-Howard Co., Inc., La Plata, Md.								
More Cream Dairy Feed	La Plata	10.53	16.84	**18.62**	5.63	**5.33**	9.33	
Mennel Milling Co., Toledo, Ohio								
Middlings-Winter Wheat Feed, with Ground Screenings N. Ex. M. R.	Lewistown	10.70	15.00	**17.81**	4.00	**4.35**	6.50	

* Means deficient in protein or fat. † Means deficient in both protein and fat.

FAT		FIBRE		INGREDIENTS	
	FOUND	Guaranteed	FOUND	GUARANTEED	IDENTIFIED
	7.27	10.00	8.15	Linseed meal	As certified
	7.28	10.00	7.90	Linseed meal	As certified
	6.88	10.00	8.88	Linseed meal	As certified
	1.35	30.00	28.03	Reground oat feed	As certified
	6.23	6.50	4.65	Oat middlings	As certified
	7.45	10.00	8.08	Cotton seed	As certified
	8.55	10.00	9.23	Same as above	As certified
	5.80	10.00	11.55	Same as above	As certified
	6.40	10.00	10.65	Cotton seed meal and cotton seed hulls	As certified
	6.68	10.00	10.15	Same as above	As certified
	6.40	10.00	11.43	Same as above	As certified
	5.83	12.00	14.10	Cotton seed meal and cotton seed hulls	As certified
	5.55	12.00	9.20	Dried brewers' grains, dried malt grains, linseed oil meal, cotton seed meal, corn gluten feed, hominy feed, cocoanut oil meal, wheat bran, wheat middlings, calcium carbonate, steamed bone meal, ¾ of 1% salt, (wheat bran and wheat middlings may contain ground screenings not exceeding mill run)	As certified
	2.50	5.00	2.28	Cracked corn, buckwheat, green split peas and Milo maize, wheat	As certified
	5.85	7.00	4.35	Dried buttermilk, wheat bran, wheat middlings, corn meal, oil meal, ground oats, oat meal, meat scrap, bone meal, fish meal, calcium carbonate and ½ of 1% salt	As certified
	6.15	8.00	6.73	Dried buttermilk, Old Process linseed oil meal, wheat bran, wheat middlings, corn gluten feed, hominy feed, corn meal, ground oats, oat middlings, alfalfa meal, meat scrap, bone meal, fish meal, calcium carbonate and ½ of 1% salt (wheat bran and wheat middlings may contain mill run of ground screenings)	As certified
	2.23	4.00	2.68	Cracked corn, Kaffir corn or Milo maize, wheat, barley, buckwheat, green peas and sunflower seed	As certified
	5.08	6.00	5.78	Wheat flour middlings, with screenings	As certified
	6.10	9.00	4.65	Wheat bran, wheat middlings, corn meal or hominy feed, ground oats, meat scrap, bone meal, fish meal, calcium carbonate and ½ of 1% salt (wheat bran and wheat middlings may contain mill run of ground screenings)	As certified
	3.38	4.00	3.13	Cracked corn, Kaffir corn or Milo maize, wheat, barley, buckwheat and sunflower seed	As certified
	5.93	7.00	6.38	Alfalfa meal, bran, corn meal, middlings, powdered buttermilk, fish meal, bone meal	As certified
	5.33	9.33	8.73	Corn bran, corn chop, wheat bran, cottonseed meal	As certified
	4.35	6.50	5.13	Middlings—winter wheat feed with ground screenings N.Ex.M.R.	As certified

Manufacturer, Address and Name of Feed	Sampled From	Moisture	Protein		Fat	
			Guaranteed	FOUND	Guaranteed	FOUND
Merrell-Soule Company, Syracuse, N. Y.						
Anilac Brand Powdered Skimmed Milk	Salisbury	1.88	33.00	**33.83**	.50	**.82**
Henry Mesner and Son, Baltimore, Md.						
Baby Chick Feed	Baltimore	12.15	10.00	**10.62**	2.50	**3.53**
Laying Mash, with BM	Baltimore	9.20	17.00	**18.95**	4.00	**5.48**
Special Scratch Feed	Baltimore	12.75	10.00	**9.39**	2.50	**3.60**
Leo H. Michael, Buckeystown, Md.						
Dairy Feed	Buckeystown	9.90	14.00	**19.53**	3.50	**5.93**
Dairy Feed	Buckeystown	10.43	14.00	**18.82**	3.50	**5.78**
Hog Feed	Buckeystown	11.13	11.00	**14.79**	4.00	**4.18**
Horse Feed	Buckeystown	9.43	10.00	**10.71**	3.50	**4.35**
Laying Mash	Buckeystown	9.68	18.00	**20.80**	5.00	**5.30**
Pure Wheat Bran	Buckeystown	9.18	15.00	**16.15**	4.00	**3.88**
Pure Wheat Middlings	Buckeystown	6.23	15.00	**16.15**	4.00	**3.53**
Scratch Feed	Buckeystown	13.15	9.50	**9.44**	2.50	**4.25**
Miller-McConnel Grain Company, Kansas City, Kan.						
Evergreen Alfalfa Molasses Feed	Baltimore	14.05	9.00	**12.04**	1.00	**.92**
Husky Horse and Mule Feed	Baltimore	11.78	9.00	**10.12**	1.00	**2.22**
Mills of Albert Lea Company, Minneapolis, Minn.						
Wheat Flour Middlings and Ground Wheat Screenings	Grantsville	10.30	16.00	**17.11**	4.00	**4.63**
Wheat Standard Middlings and Ground Wheat Screenings	Grantsville	10.43	15.00	**15.97**	4.00	**4.73**
Minneapolis Milling Company, Minneapolis, Minn.						
*Golden Pure Durum Wheat Flour Middlings	Hampstead	10.73	16.50	**15.18**	5.50	**5.63**
Wheat Flour Middlings, Ground Screenings N. Ex. M. R.	Baltimore	11.78	16.50	**16.85**	5.00	**5.70**
Montgomery Ward and Company, Baltimore, Md.						
Complex Mixture	Baltimore	-----	-----	-----	-----	-----
Dairy Minerals	Baltimore	-----	-----	-----	-----	-----
Iowa Simple Mixture	Baltimore	-----	-----	-----	-----	-----
Mineral Mixture	Baltimore	-----	-----	-----	-----	-----
Mineralized Tankage	Baltimore	4.13	28.00	**29.25**	7.00	**9.40**
Mutual Rendering Company, Inc., Philadelphia, Pa.						
Mureco Meat and Bone	Chestertown	4.75	50.00	**51.16**	10.00	**15.00**
*Mureco Meat Meal	Chewsville	5.50	55.00	**50.60**	10.00	**13.15**
*Mureco Meat Meal	Chewsville	5.85	55.00	**50.77**	10.00	**13.60**
Mureco Meat and Bone Scraps	Chewsville	6.25	45.00	**45.54**	10.00	**13.65**

* Means deficient in protein or fat. † Means deficient in both protein and fat.

FIBRE		INGREDIENTS	
Guaranteed	FOUND	GUARANTEED	IDENTIFIED
		Powdered skimmed milk	As certified
5.00	**2.03**	Fine cracked corn, millet seed, cracked wheat, cracked Kaffir corn or Milo maize and steel cut oats	As certified
10.00	**5.83**	Dried buttermilk, beef scraps, fish meal, bone meal, ground oats, bran, gluten feed, middlings, corn feed meal, feeding oat meal, linseed meal, alfalfa meal, charcoal and ½ of 1% salt	As certified
5.00	**2.98**	Sifted cracked corn, Kaffir corn, Milo maize, buckwheat, barley, wheat and sunflower seed	As certified
7.00	**9.45**	Corn, oats, wheat bran, wheat middlings, oat feed, cotton seed meal and salt	As certified
7.00	**12.05**	Same as above	As certified
7.00	**10.05**	Corn, oats, middlings, oat feed, beef scrap and salt	As certfiied
7.00	**7.65**	Corn, oats, bran, oat feed and salt	As certified
12.00	**7.03**	Corn, oats, oat feed, bran, middlings, alfalfa meal, beef scrap and salt	As certified
9.00	**8.55**	Pure wheat bran	As certified
5.00	**4.13**	Pure wheat middlings	As certified
5.00	**3.73**	Cracked corn, wheat, oats, sunflower seed and buckwheat	Also detected weed seeds
15.00	**17.95**	Alfalfa meal and molasses	As certified
18.00	**9.80**	Cracked shelled corn, crushed oats, alfalfa meal and molasses	As certified
6.00	**5.50**	Wheat standard middlings and ground cleaned wheat screenings not exceeding mill run and Red Dog wheat flour	As certified
9.50	**8.05**	Wheat standard middlings and ground cleaned wheat screenings not exceeding mill run	As certified
6.00	**7.68**	Pure Durum wheat flour middlings	As certified
6.00	**6.60**	Wheat flour middlings with ground screenings	As certified
-----	-----	Spent bone black, sodium chloride, powdered limestone, powdered sulphur, Epsom salt, Glauber salt, copperas (granulated), potassium iodide	As certified
-----	-----	Sodium chloride, powdered limestone, spent bone black, powdered wood ash, powdered sulphur, Glauber salt, Epsom salt, granulated copperas, venetian red, potassium iodide	As certified
-----	-----	Sodium chloride, powdered limestone, spent bone black, potassium iodide	As certified
-----	-----	Acid phosphate, powdered wood ash, pulverized limestone, sodium chloride, Epsom salts, powdered foenugreek	As certified
5.00	**4.15**	Meat tankage, spent bone black, sodium chloride, powdered limestone, powdered sulphur, powdered wood ash, Epsom salt, Glauber salt, copperas, potassium iodide	Also detected wood not ashed
2.00	**2.00**	Residue of animal tissue exclusive of hoof and horn, prepared for feeding purposes	As certified
2.00	**1.90**	Same as above	As certified
2.00	**2.18**	Same as above	As certified
2.00	**1.85**	Same as above	As certified

Manufacturer, Address and Name of Feed	Sampled From	Moisture	Protein		Fat		Fibr	
			Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	
Mystic Mills (International Milling Co.), Sioux City, Iowa								
Yellow Hominy Feed	Cambridge	18.50	8.50	10.12	4.00	4.73	5.00	4
National Milling Company, Toledo, Ohio								
Pure Wheat Bran	Parkton	10.75	14.00	14.92	3.00	6.15	10.00	11
*Pure Wheat Middlings	Salisbury	11.38	17.00	15.58	3.50	4.70	9.00	7
R. N. Neal and Company, Memphis, Tenn.								
"Triangle" Brand Prime 41% Protein Cottonseed Meal	Colora	8.05	41.00	40.11	6.00	5.98	10.00	11
"Triangle" Brand 43% Protein Cottonseed Meal	Sparks	7.30	43.00	42.68	6.00	6.78	10.00	11
Newsome Feed and Grain Co., Pittsburgh, Pa.								
Palmo Midds	Frederick	5.48	16.00	16.67	7.00	6.60	9.00	7
Newton Feed Company, Milwaukee, Wis.								
Newtrio 12% Dairy Ration	Cecilton	8.75	12.00	14.31	4.00	5.10	9.00	8
Newtrio 24% Dairy Ration	Millington	8.85	24.00	24.31	5.00	5.90	9.00	11
Niagara Falls Milling Co., Buffalo, N. Y.								
Choice Pure Wheat Bran	Laurel	7.45	15.00	14.92	3.50	5.08	11.00	10
Choice Pure Wheat Bran	Hampstead	7.43	15.00	15.36	3.50	5.85	11.00	9
Norfolk Edible Oil Corp., Norfolk, Va.								
Quaker Maid Linseed Oil Meal	Cambridge	8.78	34.00	34.40	2.00	5.40	9.00	6
Norfolk Tallow Company, Norfolk, Va.								
*Notalco H. Meat Scraps for Poultry	Westminster	10.00	50.00	48.73	5.00	9.80	3.00	2
*Notalco Extra Quality Meat Scraps for Poultry	Westminster	7.03	55.00	53.63	5.00	10.68	3.00	3
Notalco AA H. G. Meat Scraps for Poultry	Westminster	7.60	45.00	47.74	5.00	10.83	3.00	3
Northwestern Consolidated Milling Company, Minneapolis, Minn.								
XXX Comet	Baltimore	11.08	16.00	17.92	4.00	4.65	4.00	2
Northwestern Feed Company, Minneapolis, Minn.								
Orleans Wheat Flour Middlings	Hancock	10.10	16.00	17.29	4.00	6.00	6.00	5
Northwestern Milling Company, Minneapolis, Minn.								
Standard Wheat Middlings, with Ground Screenings N. Ex. M. R.	Cumberland	10.25	15.00	16.41	3.50	5.65	9.00	8
*Wheat Bran, with Ground Screenings N. Ex. M. R.	Baltimore	10.00	15.00	13.91	4.50	5.68	11.00	10
W. C. Nothern Company, Memphis, Tenn.								
Bee Brand Cottonseed Meal	Hagerstown	8.25	41.12	40.46	6.00	6.65	12.00	11
Bee Brand Cottonseed Meal	Baltimore	7.65	41.12	41.07	6.00	5.73	12.00	10
Bee Brand Cottonseed Meal	Taneytown	7.18	41.12	41.24	6.00	7.25	12.00	10
Standard Brand Cottonseed Meal	Maugansville	9.50	36.00	37.91	5.00	5.65	12.00	13
Norton and Company, Washington, D. C.								
Bone and Meat Scrap	Silver Springs	7.48	50.00	51.78	10.00	11.25	2.00	1

* Means deficient in protein or fat. † Means deficient in both protein and fat.

(A)

FAT		FIBRE		INGREDIENTS	
Guaranteed	FOUND	Guaranteed	FOUND	GUARANTEED	IDENTIFIED
.00	4.73	5.00	**4.65**	Yellow hominy feed	As certified
.00	6.15	10.00	**11.09**	Pure wheat bran	As certified
.50	4.70	9.00	**7.45**	Pure wheat middlings	As certified
.00	5.98	10.00	**11.43**	Decorticated Cottonseed	As certified
00	6.78	10.00	**11.03**	Decorticated Cottonseed	Off color
00	6.60	9.00	**7.08**	Wheat and rye middlings, with ground screenings not exceeding mill run and palm oil	As certified
00	5.10	9.00	**8.48**	Hominy feed, linseed oil meal, crushed heavy oats, pure wheat bran, corn oil meal, kiln dried table salt	As certified
00	5.90	9.00	**11.30**	Wheat bran (with mill run screenings), hominy feed, linseed oil meal, cottonseed meal, corn gluten meal, dried brewers' grains, corn oil meal, corn gluten feed, kiln dried table salt, wheat middlings (with mill run screenings), malt sprouts	As certified
50	5.08	11.00	**10.80**	Pure wheat bran	See below (A)
50	5.85	11.00	**9.68**	Pure wheat bran	As certified
00	5.40	9.00	**6.35**	Linseed oil meal	As certified
00	**9.80**	3.00	**2.65**	Meat scraps and bone	As certified
00	**10.68**	3.00	**3.15**	Meat scraps and bone	As certified
00	**10.83**	3.00	**3.08**	Meat scraps and bone	As certified
0	4.65	4.00	**2.13**	Pure wheat product composed of Red Dog wheat flour	As certified
0	6.00	6.00	**5.53**	Wheat flour middlings	As certified
0	5.65	9.00	**8.08**	Wheat flour middlings, with ground screenings	As certified
0	5.68	11.00	**10.73**	Wheat bran, with ground screenings	As certified
0	6.65	12.00	**11.58**	Pressed cottonseed	As certified
0	5.73	12.00	**10.58**	Same as above	As certified
0	7.25	12.00	**10.63**	Same as above	As certified
0	5.65	12.00	**13.98**	A mixture of cottonseed meal and cottonseed hulls	As certified
	11.25	2.00	**1.83**	Bone, meat scraps and cracklings	As certified

(A) Also detected ground screenings.

Manufacturer, Address and Name of Feed	Sampled From	Moisture	Protein		Fat	
			Guaranteed	FOUND	Guaranteed	FOUND
Nowak Milling Corp., Hammond, Ind.						
Cotton Seed Meal	Sykesville	7.90	41.00	**41.07**	5.00	**6.33**
Domino Alfalfa Meal	Sykesville	10.20	10.00	**13.69**	1.00	**1.63**
Domino Butterine Dairy Feed	Denton	9.88	17.00	**18.09**	3.50	**6.68**
Domino Chick Feed	Laurel	11.00	11.00	**11.67**	2.00	**2.70**
*Domino Developing Feed	Laurel	10.23	10.00	**10.27**	3.00	**2.19**
Domino Growing Mash, with BM	Aiken	10.43	18.00	**17.38**	4.50	**5.23**
*Domino Hog Feed	Hancock	8.63	18.00	**15.80**	4.50	**5.10**
Domino Vim-O-Lene Horse Feed	Aiken	9.95	8.00	**9.85**	2.00	**3.24**
*Domino 24½% Dry Dairy Feed	Denton	8.78	24.50	**23.30**	4.50	**5.03**
Export Scratch Feed	Hancock	11.45	9.00	**10.09**	2.50	**2.50**
Fidelity Stock Feed	Smithsburg	11.25	8.00	**7.02**	3.00	**2.68**
Marathon Chick Feed	Aiken	12.38	11.00	**10.40**	2.00	**2.70**
Marathon Chick Feed	Smithsburg	13.50	11.00	**10.31**	2.00	**3.00**
Marathon Dairy Feed	Hancock	8.08	22.00	**22.55**	4.00	**5.30**
Marathon Horse Feed	Aiken	10.88	6.50	**7.90**	1.50	**2.25**
Marathon Laying Mash, with BM	Aiken	10.35	20.00	**20.88**	4.50	**5.20**
Marathon Scratch Feed	Aiken	12.35	10.00	**10.09**	3.00	**3.45**
Marathon Scratch Feed	Smithsburg	14.10	10.00	**10.00**	3.00	**2.75**
Old Process Oil Meal	Sykesville	10.48	34.00	**34.22**	5.00	**6.73**
Standard Corn Feed Meal	Aiken	12.83	8.00	**8.95**	2.50	**3.38**
Nuttle Milling Company, Denton, Md.						
*Ideal Growing Mash	Denton	11.65	16.00	**14.04**	4.50	**4.13**
Ideal Laying Mash	Denton	9.83	20.00	**22.56**	5.00	**5.78**
Ideal Laying Mash	Denton	11.55	20.00	**20.80**	5.00	**5.53**
Ideal Scratch Feed	Denton	11.33	10.00	**9.92**	3.00	**2.70**
Ideal Scratch Feed	Denton	14.33	10.00	**9.30**	3.00	**2.58**
Pure Wheat Bran	Denton	8.85	14.00	**14.95**	3.50	**4.00**
Pure Wheat Middlings	Denton	11.53	14.00	**14.22**	4.00	**3.05**
P. Fred'k. Obrecht and Son, Baltimore, Md.						
Chick Feed	Baltimore	12.43	9.00	**10.79**	2.00	**2.75**
Dairy Ration	Indian Rock	8.43	24.00	**23.61**	3.50	**4.78**
Dairy Ration	Forest Hill	8.30	24.00	**24.57**	3.50	**6.33**

* Means deficient in protein or fat. † Means deficient in both protein and fat.

Fibre Guaranteed	Fibre FOUND	INGREDIENTS Guaranteed	Identified
12.00	10.40	Cottonseed product	As certified
35.00	31.43	Ground alfalfa hay	As certified
15.00	9.52	Cottonseed meal, corn gluten feed, brewers' dried grains, yeast grains (from barley malt, corn malt sprouts and oat malt), old process linseed oil meal, ¾ of 1% salt, 2% calcium carbonate, molasses and ground grain screenings	As certified
5.00	2.53	Oat meal, split green peas, millet seed, cracked wheat, cracked Milo maize, and cracked corn	As certified
5.00	2.28	Wheat, corn, Milo, peas and buckwheat	As certified
7.00	5.88	Corn feed meal, wheat bran, wheat middlings, ground oats, ground barley, wheat Red Dog flour, dried buttermilk and meat scraps	As certified
9.00	8.80	Hominy feed, corn feed meal, linseed oil meal, ground oats, wheat middlings, alfalfa meal, bone meal, digester tankage, 2% calcium carbonate and molasses	As certified
9.00	7.63	Crushed oats, cracked corn, corn feed meal, wheat bran, ¾ of 1% salt and molasses	As certified
10.00	9.48	Cottonseed meal, corn gluten feed, linseed oil meal, wheat bran, corn feed meal, 2% calcium carbonate, and ¾ of 1% Salt	As certified
6.00	3.30	Wheat, cracked corn, Milo, barley, oats and buckwheat	As certified
12.00	15.15	Ground oats, corn feed meal, hominy feed, wheat middlings, ½ of 1% salt, oat feed, oat middlings, oat shorts and oat hulls	As certified
5.00	2.15	Cracked wheat, cracked corn, oat meal, cracked Milo maize and millet seed	As certified
5.00	2.30	Same as above	As certified
12.00	9.38	Corn gluten feed, wheat bran, wheat middlings, cottonseed meal, linseed oil meal, dried yeast grains (from barley malt, corn, malt sprouts and oat malt), 2% calcium carbonate and ¾ of 1% salt	As certified
12.00	8.18	Cracked corn, oats, molasses, ¾ of 1% salt, alfalfa meal, oat feed, oat middlings and oat hulls	As certified
9.00	8.38	Wheat bran, wheat middings, corn gluten feed, linseed oil meal, fine ground oats, ground barley, corn feed meal, meat scrap and dried buttermilk	As certified
5.00	3.45	Cracked corn, Milo maize, wheat, barley, buckwheat and sunflower seed	As certified
5.00	3.00	Same as above	As certified
8.00	8.95	Flaxseed product	As certified
5.00	4.98	By-products from corn	As certified
6.00	6.03	Wheat bran, wheat middlings, corn meal, beef scrap, dried buttermilk, rolled oats, alfalfa meal	As certified
8.00	6.65	Wheat bran, wheat middlings, beef scrap, fish meal, corn meal, alfalfa meal, gluten feed, salt, charcoal, dried buttermilk, oil meal, ground oats	Unable to detect oil meal
8.00	7.80	Same as above	As certified
4.50	2.90	Cracked corn, wheat, barley, oats, buckwheat	As certified
4.50	2.93	Same as above	As certified
10.00	7.78	Pure wheat bran	As certified
5.00	3.18	Pure wheat middlings	As certified
6.00	5.08	Fine cracked corn, cracked wheat, millet, mixed seeds	See below (A)
12.00	10.63	Gluten feed, beet pulp, cottonseed meal, wheat bran, wheat middlings, corn chop, brewers' grains, soy bean meal, salt	As certified
12.00	11.50	Same as above	As certified

(A) Also detected weed seeds.

Manufacturer, Address and Name of Feed	Sampled From	Moisture	Protein		Fat	
			Guaranteed	FOUND	Guaranteed	FOUND
P. Fred'k Obrecht & Son, Baltimor, Md.—Cont						
Growing Mash	Baltimore	9.78	20.00	**19.22**	4.00	**4.60**
Laying Mash, with Dried BM	Indian Rock	8.50	20.00	**26.81**	4.00	**5.60**
Molasses Horse Feed	Laurel	11.15	9.00	**8.38**	1.00	**2.47**
*Molasses Horse Feed	Baltimore	11.32	9.00	**7.50**	1.00	**2.18**
Molasses Horse Feed	Baltimore	9.51	9.00	**8.13**	1.00	**2.62**
*Rich Dairy Ration	Baltimore	9.10	16.50	**15.49**	3.00	**4.40**
Scratch Feed	Baltimore	11.70	10.00	**10.27**	3.00	**3.05**
Scratch Feed	Baltimore	11.90	10.00	**9.57**	3.00	**2.95**
Ogilvie Flour Mills Company, Ltd., Montreal, Canada						
Pure Wheat Bran	Frederick	8.60	15.00	**15.62**	3.50	**5.75**
Ontario Milling Company, Inc., Oswego, N. Y.						
Big Value Dairy Feed	Annapolis	10.55	22.00	**21.46**	5.00	**6.85**
Otto Weiss Milling Company, Wichita, Kan.						
Alfalfa Meal	Baltimore	8.73	12.00	**14.79**	1.00	**1.85**
Alfalfa Meal	Baltimore	10.48	12.00	**13.51**	1.00	**1.70**
Owings Brothers, York, Pa.						
June Bug Laying Mash	Parkton	9.85	20.00	**19.92**	5.00	**4.88**
June Bug Pullet Feed	Parkton	11.85	10.00	**10.27**	3.00	**3.10**
*June Bug Scratch Feed	Parkton	12.43	9.00	**9.92**	5.00	**3.68**
Oyler and Spangler Fertilizer Works, Gettysburg, Pa.						
*"Gro-All" Hog and Poultry Tankage	Emmitsburg	5.98	50.00	**41.28**	10.00	**11.63**
Park and Pollard Company, Inc., Buffalo, N. Y.						
Chelsea Horse Feed	Easton	13.35	8.00	**7.97**	2.00	**1.55**
Corn Feed Meal	Reisterstown	13.10	9.00	**8.95**	2.50	**3.58**
Growing Feed	Baltimore	11.68	14.00	**14.22**	1.50	**3.68**
Intermediate Chick Feed	Baltimore	12.80	10.00	**10.09**	1.50	**2.93**
Lay or Bust Dry-Mash	Baltimore	11.50	18.00	**19.66**	1.50	**3.98**
Milk-Maid 24% Dairy Ration	Berlin	8.25	24.00	**24.22**	5.00	**4.73**
Red Ribbon Scratch Feed	Cumberland	11.45	10.00	**10.88**	1.50	**3.20**
Red Ribbon Scratch Feed	Baltimore	12.98	10.00	**10.09**	1.50	**3.00**

* Means deficient in protein or fat. † Means deficient in both protein and fat.

Fibre		INGREDIENTS	
Guaranteed	FOUND	GUARANTEED	IDENTIFIED
9.00	5.55	Yellow corn meal, wheat bran, gluten feed, meat scrap, wheat flour, wheat middlings, yeast, buttermilk, alfalfa meal	As certified
11.00	7.28	Beef scrap, fish meal, soy bean meal, gluten feed, cottonseed meal, wheat middlings, wheat bran, wheat flour, corn chop, alfalfa meal, ground oats, salt, buttermilk, yeast	As certified
15.00	12.68	Cracked corn, flaked oats, oat clips, salt, molasses, grain screenings	See below (A)
15.00	13.75	Same as above	See below (A)
15.00	13.58	Same as above	As certified
12.00	15.33	Wheat middlings, wheat bran, oat feed, apple pomace, corn chop, cottonseed meal, brewers' grains, gluten feed, salt	See below (B)
4.00	3.80	Cracked corn, wheat, maize, barley, sunflower, buckwheat	See below (C)
4.00	3.10	Same as above	See below (D)
11.50	10.53	Pure wheat bran	As certified
9.50	8.18	Old Process linseed oil meal, corn gluten feed, wheat bran, hominy feed, cottonseed meal, cocoanut oil meal, wheat middlings, corn feed meal, ground recleaned wheat screenings, corn distillers' grains, 1% calcium carbonate, 1% salt	As certified
35.00	29.93	Ground alfalfa hay	As certified
35.00	30.65	Same as above	As certified
8.00	11.08	Corn chop, standard wheat middlings, oat feed (oat middlings, oat hulls), wheat bran, wheat middlings, meat scrap,ground alfalfa, old process oil meal, dried buttermilk and salt	As certified
4.00	2.70	Steel cut corn, wheat, buckwheat, Kaffir and oats	As certified
4.00	3.60	Wheat, cracked corn, Kaffir corn, barley, oats, buckwheat and sunflower seed	As certified
6.00	5.78	Tankage	As certified
12.00	14.70	Cracked corn, crimped oats, alfalfa meal, clipped oat by-product, molasses, ½ of 1% fine table salt	As certified
4.00	4.20	Ground corn and siftings from cracked corn	As certified
8.00	5.10	Ground:—Alfalfa, barley, corn, wheat, oats, meat and bone meal, wheat bran with mill run of screenings, wheat middlings, calcium carbonate, salt, dried buttermilk	As certified
5.00	2.45	Cracked corn, hulled barley, wheat, buckwheat, hulled oats, millet seed, Kaffir corn and Milo maize	As certified
12.00	6.33	Ground:—Corn, wheat, oats, barley, Kaffir corn, fish, buckwheat, alfalfa, meat, bone, wheat bran with mill run of screenings, wheat middlings, calcium carbonate, salt and dried buttermilk	As certified
11.00	12.38	Corn distillers' grains, old process linseed oil meal, cottonseed meal, gluten feed, wheat bran and wheat middlings (may contain mill run of screenings), ground oats, corn meal, calcium carbonate and salt	As certified
5.00	2.98	Cracked corn, wheat, buckwheat, barley, oats, Kaffir corn, Milo maize and sunflower seed	As certified
5.00	3.18	Same as above	As certified

(A) Also detected weed seed and corn bran.
(B) Also detected beet pulp.
(C) Also detected wild oats.
(D) Also detected wild oats; unable to detect sunflower.

Manufacturer, Address and Name of Feed	Sampled From	Moisture	Protein		Fat		Fi
			Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed
Park and Pollard Company, Inc., Buffalo, N. Y.—Rooseve lt Mi lls, C hicag o, Ill.							
Rough Rider Scratch Feed	Cumberland	11.18	9.50	10.35	1.50	3.25	5.00
Patuxent Guano Company, Baltimore, Md.							
†Digester Tankage	New Windsor	9.80	60.00	55.42	6.00	4.18	5.00
Meat Meal	Salisbury	8.38	80.00	81.87	7.00	7.42	2.00
Peerless Milling Company, Greensboro, Md							
Laying Mash	Greensboro	11.35	19.00	19.49	4.50	4.90	8.00
Scratch Feed	Greensboro	13.88	9.00	9.07	2.50	2.85	3.00
Charles J. Peltz, Westminster, Md.							
Excelsior Alfalfa Meal	Westminster	9.60	12.00	17.59	1.00	2.28	35.00
Penick and Ford, Cedar Rapids, Iowa							
Douglas Corn Gluten Meal	Baltimore	7.15	40.00	39.32	1.00	2.60	4.00
Piel Brothers Starch Company, Indianap olis, Ind.							
P'd. by Thomas-Boyce Feed Company, Att ica, N. Y.							
Corn Gluten Feed	Smithsburg	9.38	23.00	23.69	1.50	2.35	8.00
Corn Gluten Feed	Baltimore	8.13	23.00	25.56	1.50	2.38	8.00
Corn Gluten Feed	Chewsville	9.95	23.00	26.90	1.50	2.30	8.00
Pillsbury Flour Mills Company, Minneapo lis, Minn.							
Hard Wheat Bran and Screenings	Hyattsville	8.08	14.00	16.85	4.00	6.00	12.00
Hard Wheat A. Middlings and Screenings	Grantsville	10.88	16.00	16.85	4.00	5.15	6.00
Durum Wheat Standard B. Middlings and Screenings	Westminster	10.13	15.00	15.62	4.00	4.88	11.00
XX Daisy	Indian Rock	11.58	16.00	16.32	4.00	3.95	4.00
Pittsburgh Melting Company, Pittsburgh, Pa.							
Steel City Meat and Bone Scrap	Grantsville	6.30	50.00	52.35	5.00	12.15	3.00
Postum Cereal Company, Inc., Battle Cree k, Mich.							
*Burt's Hominy Feed	Westminster	11.80	10.00	9.65	6.00	5.12	5.00
Potomac Roller Mills, Hancock, Md.							
Pure Wheat Bran	Hancock	8.78	14.00	17.29	3.50	3.88	8.00
Pure Wheat Middlings	Hancock	11.58	13.00	15.62	4.00	4.23	6.00
Pratt Food Company, Philadelphia, Pa.							
Baby Chick Food, with BM	Baltimore	10.43	11.50	11.29	3.50	3.90	3.80
Circle "A" Scratch Feed, Large Size	Baltimore	11.68	10.00	10.00	2.50	2.75	5.00
Corn Feed Meal	Baltimore	11.83	9.00	9.04	3.50	4.15	6.00
Supreme Chick Scratch Feed	Baltimore	10.75	10.00	12.72	2.50	2.95	5.00
Supreme Intermediate Scratch Feed	Baltimore	11.70	10.00	10.88	2.50	2.98	5.00

* Means deficient in protein or fat. † Means deficient in both protein and fat.

Fat		Fibre		INGREDIENTS	
Guaranteed	FOUND	Guaranteed	FOUND	GUARANTEED	IDENTIFIED
o, Ill.					
1.50	3.25	5.00	**2.95**	Wheat, cracked corn, Kaffir, Milo, barley, oats, buckwheat and sunflower seed	As certified
6.00	4.18	5.00	**1.85**	Pure animal tankage	As certified
7.00	7.42	2.00	**1.30**	Pork cracklings	As certified
4.50	4.90	8.00	**7.10**	Wheat bran, wheat middlings, ground oats, corn feed meal, alfalfa meal, meat scrap, salt	As certified
2.50	2.85	3.00	**2.53**	Cracked corn, wheat, oats, buckwheat, sunflower seed	As certified
1.00	2.28	35.00	**26.93**	Alfalfa hay	As certified
1.00	2.60	4.00	**4.78**	Corn gluten meal	As certified
1.50	2.35	8.00	**7.35**	Corn gluten feed	As certified
1.50	2.38	8.00	**9.12**	Same as above	As certified
1.50	2.30	8.00	**7.65**	Same as above	As certified
4.00	6.00	12.00	**10.33**	Wheat bran and ground cleaned wheat screenings not exceeding mill run	As certified
4.00	5.15	6.00	**4.68**	Wheat Red Dog, wheat standard B. middlings, with ground cleaned wheat screenings not exceeding mill run	As certified
4.00	4.88	11.00	**8.00**	Durum wheat standard middlings and ground cleaned Durum wheat screenings not exceeding mill run	As certified
4.00	3.95	4.00	**2.03**	Wheat Red Dog	As certified
5.00	12.15	3.00	**1.85**	Meat scrap and bone	As certified
6.00	5.12	5.00	**3.45**	White corn by-product	As certified
3.50	3.88	8.00	**7.78**	Pure wheat bran	As certified
4.00	4.23	6.00	**2.55**	Pure wheat middlings	As certified
3.50	3.90	3.80	**2.90**	Dried buttermilk, corn meal, oat meal, wheat middlings, cooked wheat, bone meal, rape, millet	As certified
2.50	2.75	5.00	**3.83**	Wheat, barley, cracked corn, Milo, Kaffir, buckwheat, sunflower seed	As certified
3.50	4.15	6.00	**3.50**	Corn by-product	As certified
2.50	2.95	5.00	**2.03**	Steel cut oats, cracked wheat, cracked corn, cracked Milo and Kaffir, cracked peas, rice, millet	As certified
2.50	2.98	5.00	**3.40**	Cracked corn, wheat, oat groats, Milo, Kaffir, buckwheat, cracked peas	As certified

Manufacturer, Address and Name of Feed	Sampled From	Moisture	Protein		Fat	
			Guaranteed	FOUND	Guaranteed	FOUND
Pratt Food Company, Philadelphia, Pa.—Cont.						
Supreme Growing Mash, with BM	Baltimore	10.23	17.50	**18.34**	4.50	**5.40**
Supreme Growing Mash, with BM	Baltimore	11.50	17.50	**19.73**	4.50	**5.45**
Supreme Pigeon Feed, No Corn	Westminster	12.40	10.00	**13.60**	2.50	**3.23**
Supreme Pigeon Feed, No Corn	Baltimore	13.03	10.00	**13.56**	2.50	**2.98**
Supreme Scratch Feed, Large Size	Baltimore	12.55	10.00	**11.58**	2.50	**3.30**
Utility Large Scratch Feed	Baltimore	12.58	10.00	**9.52**	2.50	**3.18**
Victory Chick Scratch Feed	Baltimore	13.05	10.00	**10.53**	2.50	**2.55**
Victory Chick Scratch Feed	Baltimore	13.13	10.00	**11.41**	2.50	**3.13**
Victory Dairy Ration	Baltimore	10.25	16.00	**17.55**	4.00	**5.80**
Victory Intermediate Scratch Feed	Baltimore	11.90	10.00	**10.00**	2.50	**2.78**
Victory Intermediate Scratch Feed	Baltimore	12.88	10.00	**10.27**	2.50	**2.50**
Victory Large Scratch Feed	Baltimore	13.50	10.00	**10.09**	2.50	**3.08**
Victory Large Scratch Feed	Baltimore	14.20	10.00	**10.44**	2.50	**2.88**
Preston Feed and Supply Company, Preston, Md.						
Rieck's Supreme Scratch Feed	Preston	12.40	10.00	**9.04**	3.50	**3.03**
Quaker Oats Company, Chicago, Ill.						
Big "Q" Dairy Ration	Grantsville	8.68	20.00	**20.18**	3.25	**3.45**
Boss Dairy Ration	Baltimore	9.70	24.00	**24.57**	4.00	**4.78**
Buckeye Feed	Cockeysville	10.90	15.50	**15.62**	4.50	**4.53**
Dairy Feed	Cockeysville	10.23	16.00	**16.41**	4.00	**5.58**
Early Bird Scratch Grains, N. G.	Cumberland	11.78	9.50	**10.00**	2.00	**2.18**
Ful-O-Pep Chick Starter	Baltimore	9.18	15.00	**17.25**	5.00	**5.88**
Ful-O-Pep Coarse Chick Feed	Baltimore	12.15	10.00	**10.71**	2.00	**2.53**
Ful-O-Pep Egg Mash	Baltimore	9.83	20.00	**20.18**	4.00	**5.08**
Ful-O-Pep Fine Chick Feed	Baltimore	11.08	12.00	**11.01**	2.50	**2.35**
Ful-O-Pep Fine Chick Feed	Baltimore	10.75	12.00	**12.20**	2.50	**3.48**

* Means deficient in protein or fat. † Means deficient in both protein and fat.

Fibre		INGREDIENTS	
Guaranteed	FOUND	GUARANTEED	IDENTIFIED
7.00	4.33	Dried buttermilk, oat meal, corn meal, wheat middlings, wheat bran, bone meal, meat scrap, fish meal	As certified
7.00	4.45	Same as above	As certified
5.00	3.28	Wheat, Milo, buckwheat, Canadian peas, hemp, millet, Kaffir	As certified
5.00	3.28	Same as above	See below (A)
5.00	3.28	Wheat, cracked corn, oat groats, Kaffir, Milo, buckwheat, sunflower seed	As certified
5.00	3.08	Cracked corn, wheat, barley, buckwheat, oats, Milo, Kaffir	As certified
5.00	2.13	Cracked wheat, cracked corn, steel cut oats, cracked Milo, cracked Kaffir, cracked peas	As certified
5.00	2.05	Same as above	As certified
10.50	8.43	Cottonseed meal, corn gluten feed, O. P. linseed oil meal, cocoanut oil meal, wheat bran, wheat middlings, ground grain screenings from wheat, salt 1%	As certified
5.00	2.20	Cracked corn, wheat, Milo, Kaffir, buckwheat	As certified
5.00	2.28	Same as above	As certified
5.00	3.03	Wheat, cracked corn, barley, Milo, Kaffir, buckwheat, sunflower seed	As certified
5.00	2.85	Same as above	As certified
4.00	3.70	Cracked corn, wheat, buckwheat, barley, sunflower seed	As certified
12.00	10.85	Hominy feed, yellow hominy feed, barley meal, cottonseed meal, corn gluten feed, old process linseed meal, wheat bran and wheat middlings (with ground wheat screenings not exceeding mill run), oat meal mill by-product (oat hulls, oat middlings, oat shorts), ¾ of 1% salt, 1% calcium carbonate, 1% bone meal, molasses	As certified
10.50	9.28	Hominy feed, yellow hominy feed, cottonseed meal, corn gluten feed, old process linseed meal, wheat bran and wheat middlings (with ground wheat screenings not exceeding mill run), oat meal mill by-products (oat middlings, oat shorts, oat hulls), ¾ of 1% salt, 1% calcium carbonate, 1% bone meal, molasses	As certified
11.00	9.48	Wheat bran and wheat middlings (with ground wheat screenings not exceeding mill run)	As certified
13.50	10.40	Cottonseed meal, linseed meal, hominy feed, yellow hominy feed, wheat bran, wheat middlings, ground grain screenings from wheat, oat meal mill by-product (oat middlings, oat shorts, oat hulls), ¾ of 1% salt, 1% calcium carbonate, 1% bone meal, molasses	As certified
3.50	2.15	Cracked degermed corn, barley, wheat, Kaffir corn, Milo maize, ½ of 1% sunflower seed, buckwheat	As certified
6.00	5.00	Oat meal, hominy feed, yellow hominy feed, corn gluten feed, wheat bran and wheat middlings (with ground wheat screenings not exceeding mill run), bone meal, fish meal, ground puffed wheat, alfalfa meal, cod liver oil, 2% calcium carbonate, ½ of 1% salt	As certfied
2.50	2.03	Cracked degermed corn, whole wheat, whole Milo maize, whole Kaffir corn, oat groats, buckwheat	As certified
8.00	7.66	Hominy feed, yellow hominy feed, corn gluten feed, oat meal, linseed meal, wheat bran and wheat middlings (with ground wheat screenings not exceeding mill run), bone meal, fish meal, meat scraps, alfalfa meal, 2% calcium carbonate, ¾ of 1% salt	As certified
2.00	1.20	Cracked degermed corn, cracked wheat, cut oat groats, millet seed	As certified
2.00	1.68	Same as above	As certified

(A) Also detected flint corn.

Manufacturer, Address and Name of Feed	Sampled From	Moisture	Protein		Fat		Fibr	
			Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	
Quaker Oats Company, Chicago, Ill.—Cont.								
Ful-O-Pep Growing Mash	Baltimore	9.23	19.00	**18.95**	5.00	5.68	6.00	5
Ful-O-Pep Scratch Grains	Baltimore	12.38	9.00	**9.92**	2.00	2.15	5.00	1
Green Cross Horse Feed	Cockeysville	10.68	10.00	**11.48**	2.50	3.10	12.00	6
Saskatoon Feed	Chestertown	5.40	**7.00**	6.67	3.50	3.40	24.00	22
Schumacher Calf Meal	Cumberland	7.15	18.00	**20.18**	8.00	8.08	4.00	2
Schumacher Little Chick Feed, N. G.	Cumberland	11.50	10.00	**10.88**	2.00	2.13	2.00	2
Schumacher Scratch Grains, N. G.	Baltimore	12.18	10.00	**10.00**	2.00	2.05	3.50	2
Schumacher Scratch Grains, N. G.	Baltimore	12.43	10.00	**10.27**	2.00	2.20	3.50	2.
Schumacher Feed	Baltimore	9.38	10.00	**10.18**	3.25	3.80	12.00	12.
Vim Feed	Sykesville	6.85	5.00	**5.62**	2.00	1.75	28.00	29.
Quisenberry Feed Manufacturing Company, Buffalo, N. Y.								
Creamery Feed	Hagerstown	8.70	25.00	**25.71**	5.00	5.38	10.00	8.
*Fiske's Favorite Feed	Greensboro	11.05	18.00	**16.19**	4.50	4.60	10.00	10.
*Growing Mash, with BM	Greensboro	11.50	17.00	**15.76**	4.50	5.25	6.00	5.
Huskey Chick Scratch Grains (Coarse)	Greensboro	12.98	10.00	**10.00**	3.00	3.09	4.00	2.
More Egg Laying Mash	Greensboro	11.25	18.00	**17.60**	4.00	5.30	9.00	6.
More Egg Laying Mash	Hagerstown	9.10	18.00	**18.60**	4.00	5.75	9.00	5.7
Star Scratch Grains	Greensboro	12.20	10.00	**10.09**	2.50	2.78	4.00	2.8
Starting Food, with BM	Greensboro	10.85	15.00	**15.01**	4.00	4.65	6.00	3.9
Starting Food, with BM	Taneytown	10.35	15.00	**15.92**	4.00	5.00	6.00	5.1
Ralston Purina Company, Saint Louis, Mo.								
Baby Chick Chow Feed	Salisbury	13.03	10.00	**10.71**	2.00	2.05	4.00	2.0
Chicken Chowder Feed	Salisbury	10.70	19.00	**18.66**	4.00	4.93	9.00	8.7

* Means deficient in protein or fat. † Means deficient in both protein and fat.

Fat		Fibre		INGREDIENTS	
Guaranteed	Found	Guaranteed	Found	Guaranteed	Identified
5.00	5.68	6.00	**5.13**	Hominy feed, yellow hominy feed, corn gluten feed, wheat bran and wheat middlings (with ground wheat screenings not exceeding mill run), oat meal, fish meal, bone meal, meat scraps, ground puffed wheat, alfalfa meal, 2% calcium carbonate, ¾ of 1% salt	
2.00	2.15	5.00	**1.95**	Cracked degermed corn, barley, wheat, Kaffir corn, Milo maize, buckwheat, ½ of 1% sunflower seed	As certified
2.50	3.10	12.00	**6.35**	Cracked corn, crushed oats, cottonseed meal, alfalfa meal, oat meal mill by-product (oat middlings, oat shorts, oat hulls), ¾ of 1% salt, molasses	As certified
3.50	3.40	24.00	**22.38**	Oat meal mill by-product (oat middlings, oat shorts, oat hulls)	As certified
3.00	8.08	4.00	**2.90**	Oat meal, ground flax seed, ground puffed wheat, linseed meal, milk albumen, sterilized blood flour, ½ of 1% bicarbonate of soda, ¾ of 1% salt, 1% calcium carbonate, 1% bone meal	As certified
2.00	2.13	2.00	**2.05**	Cracked degermed corn, cracked wheat, cracked Kaffir corn, cracked Milo maize, cut oat groats, millet seed	As certified
2.00	2.05	3.50	**2.50**	Cracked degermed corn, barley, wheat, Kaffir corn, Milo maize, buckwheat, ½ of 1% sunflower seed	As certified
2.00	2.20	3.50	**2.93**	Same as above	As certified
4.25	3.80	12.00	**12.00**	Ground corn, hominy feed, yellow hominy feed, barley meal, old process linseed oil meal, cottonseed meal, low grade wheat flour, wheat middlings (with ground wheat screenings not exceeding mill run), oat meal mill by-product (oat middlings, oat shorts, oat hulls), ¾ of 1% salt, 1% calcium carbonate, 1% bone meal	As certified
2.00	1.75	28.00	**29.60**	Oat meal mill by-product (oat middlings, oat shorts, oat hulls)	As certified
5.00	5.38	10.00	**8.93**	Cotton seed meal, corn gluten feed, O. P. oil meal, corn meal, wheat, buckwheat, wheat middlings, hominy feed, barley grains, malt and corn, ground oats, ground barley and salt	
4.50	4.60	10.00	**10.95**	Wheat bran, ground oats, corn meal, cottonseed meal, hominy, linseed oil meal, corn gluten feed, ground grain screenings, calcium carbonate, salt less than 1%	As certified
5.50	5.25	6.00	**5.38**	Corn meal, wheat middlings, wheat bran, oat middlings, meat and bone scraps, dried buttermilk, alfalfa meal, bone meal, Kaffir corn meal, calcium phosphate, calcium carbonate, not to exceed 1% gentian, 1% powdered charcoal, 1% fine salt	As certified
3.00	3.09	4.00	**2.38**	Wheat, cracked corn, Kaffir corn, Milo maize, buckwheat	As certified
5.00	5.30	9.00	**6.35**	Corn meal, corn germ meal, wheat middlings, wheat bran, oat flour, meat and bone scrap, alfalfa meal, corn gluten meal, O. P. oil meal, corn oil cake meal, calcium carbonate, Kaffir and Milo, ground barley, ground oats, buckwheat, not more than 1% charcoal or salt	As certified
5.00	5.75	9.00	**5.75**	Same as above	As certified
2.50	2.78	4.00	**2.85**	Wheat, cracked corn, Milo maize, Kaffir corn, barley, buckwheat	As certified
4.00	4.65	6.00	**3.93**	Corn meal, wheat middlings, wheat bran, oat flour, meat and bone scraps, dried buttermilk, bone meal, calcium carbonate, calcium phosphate, not over 1% powdered charcoal, 1% fine salt, 1% iron oxide, 1% gentian	As certified
5.00	5.00	6.00	**5.13**	Same as above	As certified
2.00	2.05	4.00	**2.05**	Wheat, corn, Kaffir, Milo, millet	As certified
4.00	4.93	9.00	**8.73**	Wheat middlings, wheat bran, gluten feed, corn meal, alfalfa flour, linseed flour, granulated meat, charcoal, not over 1% salt	As certified

Manufacturer, Address and Name of Feed	Sampled From	Moisture	Protein		Fat	
			Guaranteed	FOUND	Guaranteed	FOUND
Ralston Purina Company, St. Louis, Mo.—	**Cont.**					
*Chicken Fatena Feed	Salisbury	10.68	12.00	**11.93**	4.60	**4.08**
Chick Startena Feed, with BM	Hagerstown	9.83	17.00	**18.69**	4.00	**6.60**
Cow Chow Feed	Linwood	10.38	24.00	**25.97**	4.30	**4.15**
Cow Chow Feed	Rockville	9.63	24.00	**25.80**	4.30	**3.90**
Cow Chow Feed	Salisbury	8.27	24.00	**25.98**	4.30	**4.64**
Chicken Fat Chow Feed	Hagerstown	10.13	15.50	**15.62**	4.60	**4.50**
Intermediate Hen Chow Feed	Hagerstown	13.43	10.00	**10.00**	2.50	**2.73**
Legume Chow Feed	Cumberland	10.10	20.00	**21.59**	3.80	**4.83**
O Molene Feed	Emmitsburg	11.88	9.70	**9.73**	3.20	**4.05**
Pig Chow Feed	Linwood	11.05	20.00	**21.41**	3.20	**4.08**
Pigeon Chow Feed	Rockville	12.73	12.00	**14.33**	2.00	**2.20**
Winner Scratch Feed	Cumberland	11.18	10.00	**10.44**	2.00	**2.30**
Reindollar Brothers and Company, Taneyt	**own, Md.**					
Rein-o-la Chick Feed	Taneytown	11.25	10.00	**10.79**	4.00	**4.25**
Rein-o-la Laying Mash	Taneytown	9.83	19.00	**22.90**	4.00	**5.23**
Rein-o-la Scratch Feed	Taneytown	11.63	10.00	**10.35**	4.00	**3.55**
Reindollar Company, Taneytown, Md.						
20% Dairy Ration	Taneytown	9.60	20.00	**22.46**	4.00	**4.03**
Egg Mash	Taneytown	10.03	22.00	**22.38**	5.00	**5.70**
Egg Mash	Taneytown	10.10	22.00	**21.19**	5.00	**5.58**
Scratch Grains	Taneytown	11.00	9.00	**10.79**	2.00	**3.20**
Pure Wheat Bran	Taneytown	9.08	14.00	**15.80**	4.00	**4.40**
Richardson Brothers, Westminster, Md.						
Walck Laying Mash	Westminster	10.08	20.00	**20.18**	5.00	**5.55**
Walck Laying Mash	Westminster	9.60	20.00	**19.83**	5.00	**5.18**
Richbro Hog and Pig Meal	Westminster	8.20	15.00	**14.92**	5.00	**5.38**
Richardton Milling Company, Richardton,	**N. D.**					
Never Fail Pure Wheat Shorts	Baltimore	10.08	16.00	**16.41**	4.50	**4.45**
Never Fail Pure Wheat Shorts	Baltimore	12.18	16.00	**16.50**	4.50	**5.48**
Daniel Rider, Baltimore, Md.						
Winner Dairy Feed	Baltimore	10.08	16.00	**17.72**	3.00	**6.20**
Winner Horse Feed	Baltimore	11.88	9.00	**10.03**	2.00	**3.81**

* Means deficient in protein or fat. † Means deficient in both protein and fat.

FAT FOUND	FIBRE Guaranteed	FIBRE FOUND	INGREDIENTS GUARANTEED	IDENTIFIED
4.08	6.60	5.15	Ground oats and corn, Kaffir and barley meal, corn germ meal, wheat flour, linseed flour, rolled oats, bone meal, ½ % salt	As certified
6.60	7.50	6.23	Granulated meat, corn meal, wheat bran, dried buttermilk, oat meal, alfalfa flour, wheat middlings, linseed flour, ½% charcoal ½% salt	As certified
4.15	12.00	11.15	Linseed meal, gluten feed, hominy feed, corn feed meal, cottonseed meal, ground alfalfa, molasses, 1% salt	As certified
3.90	12.00	11.83	Same as above	As certified
4.64	12.00	10.71	Same as above	As certified
4.50	4.50	4.78	Dried buttermilk, rolled oats, ground oats, ground corn, Kaffir meal, barley meal, corn germ meal, wheat flour, linseed flour, bone meal, ½% salt	As certified
2.73	4.00	2.43	Wheat, corn, Kaffir, Milo, buckwheat	As certified
4.83	8.00	6.75	Linseed meal, gluten feed, hominy feed, cottonseed meal, molasses, wheat bran, wheat middlings, 1% salt	As certified
4.05	8.00	8.00	Cracked corn, crushed oats, ground alfalfa, linseed meal, molasses, 1% salt	As certified
4.08	8.00	7.40	Hominy feed, molasses, corn meal, corn germ meal, digester tankage, linseed meal, wheat middlings, alfalfa flour, charcoal, 1% salt	As certified
2.20	4.00	3.03	Wheat, millet, Kaffir, Milo, Canada peas	As certified
2.30	5.00	3.40	Wheat, corn, barley, Kaffir, Milo, buckwheat	Also detected oats
4.25	3.00	2.20	Cracked corn, wheat, Kaffir corn, hulled oats, and millet	As certified
5.23	8.00	7.88	Corn chop, wheat bran, wheat middlings, alfalfa meal, oil meal, meat meal and salt	As certified
3.55	3.00	2.73	Corn, wheat, Kaffir corn, buckwheat, sunflower seed and oats	Also detected peas
4.03	12.50	10.10	Cottonseed meal, O. P. linseed oil meal, wheat bran, wheat middlings, Schumacher feed, dried beet pulp, gluten feed, ½% salt	As certified
5.70	8.00	5.63	Wheat bran, wheat middlings, corn chop, gluten meal, oil meal, alfalfa meal, beef scrap	As certified
5.58	8.00	6.20	Same as above	As certified
3.20	5.00	3.15	Cracked corn, whole wheat, barley, Kaffir corn, Milo maize, buckwheat, wheat screenings and ½ of 1% sunflower	As certified
4.40	9.00	9.38	Pure wheat bran	As certified
5.55	8.00	9.40	Wheat bran, wheat middlings, meat scrap, gluten, corn meal, alfalfa meal, ground oats, charcoal, oil meal, salt	See below (A)
5.18	8.00	10.20	Same as above	As certified
5.38	7.00	6.83	Hominy chop, corn chop, wheat middlings, fish meal, meat scrap, alfalfa meal, wheat bran, oil meal, charcoal, 1% salt	As certified
4.45	5.50	6.50	Pure wheat shorts	As certified
5.48	5.50	6.43	Pure wheat shorts	As certified
6.20	10.00	10.73	Cotton seed meal, cane molasses, cocoanut oil meal, soybean meal, corn gluten feed, dried brewers' grains, O. P. oil meal, oat meal mill by-products (oat middlings, oat hulls, oat shorts), reground grain screenings from wheat, ½ of 1% calcium carbonate, ½% salt	As certified
3.81	14.00	8.94	Cracked corn, crushed oats, wheat bran, alfalfa meal, cane molasses, ½ of 1% salt	As certified

(A) Unable to detect oil meal.

Manufacturer, Address and Name of Feed	Sampled From	Moisture	Protein		Fat		Fibr	
			Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	
G. C. Rieck, Preston, Md.								
Supreme Laying Mash	Preston	11.03	20.00	22.42	5.00	5.90	8.00	
Supreme Laying Mash	Preston	9.98	20.00	21.67	5.00	5.20	8.00	
H. W. Rickey, Easton, Md.								
Special Laying Mash	Millington	11.60	24.00	23.66	5.00	4.95	8.50	
*Special Laying Mash	Denton	8.53	24.00	21.38	5.00	5.88	8.50	
Special Laying Mash	Chestertown	10.53	24.00	23.96	5.00	5.53	8.50	
Robin Hood Mills, International Milling Company, (Moose Jaw, Canada)								
Blackhawk Pure Wheat Shorts	Baltimore	12.05	17.00	16.59	5.00	5.80	8.00	
Blackhawk Reground Oat Feed	Germantown	8.33	5.50	6.49	2.50	3.15	27.90	23
Rockdale Roller Mills, Vale, Md.								
Pure Wheat Bran	Vale	8.55	14.00	16.67	3.50	4.88	9.00	
Pure Wheat Bran	Vale	12.50	14.00	15.62	3.50	4.15	9.00	
Pure Wheat Middlings	Vale	12.58	14.00	17.02	3.50	5.33	5.00	
Pure Wheat Middlings	Vale	12.15	14.00	15.71	3.50	4.10	5.00	
Rosenbaum Brothers, Chicago, Ill.								
Advance Chick Scratch, N. G.	Baltimore	12.10	10.00	10.18	2.00	3.33	5.00	
Advance Dairy Feed	Union Bridge	10.10	16.00	15.32	3.50	3.98	14.00	
Advance Dairy Feed	Baltimore	9.88	16.00	15.49	3.50	7.46	14.00	10
Advance Dairy Feed	Baltimore	9.42	16.00	16.16	3.50	7.94	14.00	11
Advance Egg Mash	Sparks	8.63	18.00	18.43	4.00	6.58	8.00	
*Advance Horse Feed	Baltimore	10.90	10.00	9.00	2.00	2.08	15.00	14
Advance Scratch Feed, N. G.	Baltimore	12.18	10.00	10.35	2.00	2.78	6.00	
Four-O-Clock Scratch Grains, N. G.	Baltimore	12.13	10.00	10.35	2.75	2.63	3.00	
Special Rosebro Feed	Frostburg	9.58	10.00	10.40	2.00	3.23	11.00	
Vitality Chick Starter	Baltimore	10.05	15.00	15.62	5.00	4.50	6.00	
Vitality Coarse Chick Scratch, No Grit	Baltimore	10.73	10.00	10.79	3.50	3.18	3.00	
Vitality Corn Feed Meal	Frostburg	10.73	8.00	9.39	2.00	2.65	3.00	
Vitality Egg Mash, with BM	Baltimore	10.33	20.00	21.24	4.00	5.88	8.00	
Vitality Fine Chick Scratch, No Grit	Baltimore	11.90	10.00	10.88	3.50	4.35	3.00	
Vitality Scratch Feed, No Grit	Baltimore	11.90	10.00	10.35	2.50	2.40	5.00	
Will-Pay Dairy Ration	Baltimore	11.28	20.00	20.18	5.00	7.68	9.00	
C. E. Routzahn, Breathedsville, Md.								
Pure Winter Wheat Bran	Breathedsville	9.08	16.00	16.94	3.50	4.13	10.00	
†Pure Winter Wheat Middlings	Breathedsville	12.65	17.00	15.49	4.00	2.80	6.00	

* Means deficient in protein or fat. † Means deficient in both protein and fat.

(A) U

Fat		Fibre		INGREDIENTS	
Guaranteed	Found	Guaranteed	Found	Guaranteed	Identified
5.00	5.90	8.00	**5.45**	Wheat bran, wheat middlings, corn chops, ground oats, gluten feed meal, meat scrap	As certified
5.00	5.20	8.00	**5.80**	Same as above	As certified
5.00	4.95	8.50	**8.90**	Wheat bran, wheat middlings, corn meal, alfalfa meal, corn gluten meal, meat scrap, fish meal, salt	See below (A)
5.00	5.88	8.50	**9.30**	Same as above	As certified
5.00	5.53	8.50	**7.25**	Same as above	As certified
5.00	5.80	8.00	**7.53**	Pure wheat shorts	As certified
2.50	3.15	27.90	**23.95**	Oat shorts, oat middlings and oat hulls	As certified
3.50	4.88	9.00	**7.78**	Pure wheat bran	As certified
3.50	4.15	9.00	**8.35**	Pure wheat bran	As certified
3.50	5.33	5.00	**4.88**	Pure wheat middlings	As certified
3.50	4.10	5.00	**3.83**	Pure wheat middlings	As certified
2.00	3.33	5.00	**1.78**	Cracked wheat, sifted cracked corn, cracked Kaffir and millet seed	As certified
3.50	3.98	14.00	**9.18**	Cottonseed meal, old process linseed oil meal, alfalfa meal, oat meal mill by-products (oat hulls and oat shorts), molasses, wheat bran, ground grain screenings, ½ of 1% salt ½ of 1% calcium carbonate	As certified
3.50	7.46	14.00	**10.88**	Same as above	As certified
3.50	7.94	14.00	**11.88**	Same as above	As certified
4.00	6.58	8.00	**7.40**	Buttermilk, meat scrap, bone meal, oat meal, calcium carbonate, salt, wheat middlings, with ground screenings, ground corn and corn feed meal	As certified
3.00	2.08	15.00	**14.42**	Sifted cracked corn, crushed oats, alfalfa meal, oat feed, ground grain screenings and molasses	As certified
3.00	2.78	6.00	**2.73**	Wheat, sifted cracked corn, buckwheat, Kaffir, barley and oats	As certified
2.75	2.63	3.00	**2.43**	Cracked corn, whole wheat, Milo maize, Kaffir corn, buckwheat and sunflower seed	As certified
3.00	3.23	11.00	**7.83**	Crushed oats, sifted cracked corn, crushed barley, old process linseed oil meal, alfalfa meal and molasses	As certified
3.00	4.50	6.00	**5.43**	Buttermilk, oat meal, wheat middlings, corn feed meal and bone meal	As certified
3.50	3.18	3.00	**2.60**	Cracked corn, whole wheat, whole Milo, whole Kaffir corn, oat groats and buckwheat	As certified
3.00	2.65	3.00	**3.60**	Corn feed meal	As certified
3.00	5.88	8.00	**5.78**	Buttermilk, oat meal, meat scraps, bone meal, corn feed meal, wheat middlings, alfalfa meal and corn germ meal	As certified
3.50	4.35	3.00	**1.90**	Cracked corn, cracked wheat and oat meal	As certified
3.50	2.40	5.00	**2.53**	Wheat, sifted cracked corn, Kaffir, barley, oats, sunflower seed and buckwheat	As certified
8.00	7.68	9.00	**9.93**	Cottonseed meal, gluten feed, wheat bran, wheat middlings, ground grain screenings, alfalfa meal, corn feed meal, brewers' dried grains, molasses and ½ of 1% salt	As certified
4.50	4.13	10.00	**7.80**	Pure wheat bran	As certified
3.00	2.80	6.00	**2.08**	Pure wheat middlings	As certified

(A) Unable to detect fish meal.

Manufacturer, Address and Name of Feed	Sampled From	Moisture	Protein		Fat	
			Guaranteed	FOUND	Guaranteed	FOUND
Rowlandville Flour Mills, Rowlandville, Md.						
Corn and Reground Oats Feed	Rowlandville	9.80	7.00	**10.00**	2.00	3.30
Pure Wheat Bran	Rowlandville	8.33	14.00	**14.92**	4.00	**4.48**
Pure Wheat Middlings	Rowlandville	11.25	15.00	**15.62**	4.50	**5.10**
Geo. G. Ruppersberger and Sons, Baltimore, Md.						
*Farmer's Pride Milk Flo Dairy Feed	Elkton	9.33	20.00	**21.24**	5.00	**4.38**
*Farmer's Pride Milk Flo Dairy Feed	Myersville	10.80	20.00	**21.67**	5.00	**4.49**
Farmer's Pride Laying Mash	Myersville	9.38	20.00	**19.40**	7.00	**6.78**
*Farmer's Pride Laying Mash	Elkton	10.20	20.00	**20.62**	7.00	**6.10**
Farmer's Pride Laying Mash	Reisterstown	10.88	20.00	**19.66**	7.00	**6.83**
Ryde and Company, Chicago, Ill.						
Cream Quality Calf Meal	Frederick	11.70	25.00	**24.92**	5.00	**4.90**
"Startrite" Chick Food	Frederick	11.43	14.00	**14.22**	4.00	**5.58**
St. Michaels Milling Company, St. Michaels, Md.						
Pure Wheat Bran	St. Michaels	7.93	14.00	**14.48**	4.00	**4.68**
Wheat Flour Middlings	St. Michaels	10.55	14.00	**14.04**	4.00	**4.55**
St. Paul Milling Company, St. Paul, Minn.						
Komo Wheat Standard Middlings, with Ground Wheat Screenings, N. Ex. M. R.	Laurel	11.08	15.00	**15.18**	4.50	**6.60**
Wm. G. Scarlett and Company, Baltimore, Md.						
Oriole Brand AA Pigeon Feed	Baltimore	11.53	13.00	**13.95**	3.50	**3.40**
Oriole Brand AAA Pigeon Feed	Baltimore	12.10	16.00	**15.88**	3.00	**3.78**
*Oriole Brand Beef Scraps	Baltimore	7.25	50.00	**48.40**	12.00	**13.22**
Oriole Brand Chick Developer	Baltimore	10.35	10.60	**11.06**	3.70	**3.35**
Oriole Brand Chick Starter	Baltimore	10.55	10.60	**10.88**	3.70	**3.78**
Oriole Brand Dry Mash	Baltimore	10.30	20.00	**20.71**	4.00	**4.50**
*Oriole Brand Special Pigeon Feed	Baltimore	11.93	16.00	**13.69**	3.00	**3.43**
Oriole Brand Scratch Feed	Baltimore	13.68	10.50	**10.09**	3.50	**3.55**
Wm. Schluderberg—T. J. Kurdle Company, Baltimore, Md.						
Esskay Quality Digester Tankage	Baltimore	4.53	60.00	**63.05**	8.00	**8.78**
*Esskay Quality Meat Meal	Baltimore	3.63	46.00	**39.36**	10.00	**16.65**
*Esskay Quality Meat Meal	New Windsor	4.55	46.00	**43.09**	10.00	**15.03**
*Esskay Quality Meat Scrap	Federalsburg	5.95	55.00	**53.18**	6.00	**12.13**
Esskay Quality Meat Scrap	St. Michaels	7.28	50.00	**54.32**	6.00	**9.33**
Esskay Quality Meat Scrap	Baltimore	6.08	50.00	**57.22**	6.00	**10.93**
Esskay Quality Poultry Bone	Baltimore	7.05	20.00	**23.65**	2.00	**1.93**
Esskay Quality Poultry Bone	Baltimore	7.05	20.00	**22.38**	2.00	**3.38**
*Esskay Quality Soluble Blood	Baltimore	6.38	83.00	**80.61**	.50	**2.45**

* Means deficient in protein or fat. † Means deficient in both protein and fat.

Fibre		INGREDIENTS	
Guaranteed	Found	Guaranteed	Identified
12.00	10.00	Shelled corn, corn bran, corn feed meal, corn screenings, wheat screenings, oats and reground oat hulls	As certified
9.00	9.15	Pure wheat bran	As certified
6.00	5.23	Pure wheat middlings	As certified
10.00	11.60	Alfalfa meal, pure bran, pure middlings, linseed oil meal, cottonseed meal, gluten feed, peanut meal, ground oats, hominy chop, salt	As certified
10.00	10.43	Same as above	As certified
6.00	6.85	Pure middlings, pure Red Dog, yellow hominy chop, gluten feed, ground oats, meat bone and blood meal, alfalfa, salt, cod liver oil	As certified
6.00	7.45	Same as above	As certified
6.00	7.78	Same as above	As certified
6.75	6.20	Wheat flour, linseed oil meal, recleaned cottonseed meal, cocoanut oil meal, beans and lentils, hominy feed, locust bean meal, blood meal, ground flaxseed, malt flour, cocoa shell meal, dried milk, fenugreek, anise, calcium carbonate, salt	As certified
3.50	2.98	Ground oat groats, dried buttermilk, meat scraps, bone meal, wheat flour middlings, corn meal, rape seed, millet seed, calcium carbonate, salt	As certified
11.00	10.18	Pure wheat bran	As certified
6.00	4.23	Pure wheat flour middlings	As certified
9.50	7.83	Wheat standard middlings, with ground wheat screenings N. Ex. M. R.	As certified
4.00	3.10	Cracked corn, millet seed, Kaffir corn, Canada peas, hemp seed, buckwheat	As certified
4.00	3.93	Kaffir corn, Canada peas, hulled oats, rice, vetch, hemp seed, buckwheat, millet seed	As certified
1.00	2.05	Pure ground beef cracklings	As certified
2.00	2.48	Cracked corn, millet seed, hulled oats, Kaffir corn, wheat	See below (A)
2.00	2.45	Cracked corn, millet seed, pinhead oats, cracked Kaffir corn, cracked wheat	See below (B)
11.00	10.20	Corn chops, wheat bran, wheat middlings, flaxseed meal, gluten feed, alfalfa meal, beef scraps, fine salt	As certified
4.00	3.58	Kaffir corn, Canada peas, hemp seed, hulled oats, vetch, rice, millet seed, buckwheat, wheat	As certified
4.00	3.30	Cracked corn, Kaffir corn, 2% sunflower seed, hemp seed, buckwheat, barley, wheat	As certified
5.00	2.93	Meat, blood and bone	As certified
5.00	4.78	Meat and bone	As certified
5.00	5.65	Same as above	As certified
5.00	2.92	Meat, bone, cooked and dried	As certified
5.00	2.30	Meat, bone, cooked and dried	As certified
5.00	2.78	Same as above	As certified
5.00	.90	Animal bone, cooked and dried	As certified
5.00	.80	Same as above	As certified
5.00	1.80	Blood meal	As certified

(A) Also detected wheat screenings.
(B) Also detected weed seed.

Manufacturer, Address and Name of Feed	Sampled From	Moisture	Protein		Fat		Fibe	
			Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	
A. W. Scott Company, San Francisco, Cal.								
*Alfalfa Meal	Baltimore	9.55	15.00	**16.06**	2.00	**1.43**	30.00	2
Seaboard By-Products Company, Baltimore, Md.								
Meat Scrap	Owings Mills	7.10	50.00	**51.30**	8.00	**10.98**	5.00	
Sheets Elevator Company, Cleveland, Ohio								
S. B. Alfalfa Horse Feed	Hagerstown	11.28	10.00	**9.65**	2.50	**3.24**	14.80	1
M. L. Shoemaker and Company, Philadelphia, Pa.								
"Swift Sure" Ground Beef Scrap	Cambridge	5.58	55.00	**55.99**	10.00	**12.60**	2.00	
"Swift Sure" Ground Beef Scrap	Frederick	5.15	55.00	**55.72**	10.00	**13.08**	2.00	
"Swift Sure" Ground Beef Scrap	Baltimore	5.10	55.00	**55.99**	10.00	**12.43**	2.00	
"Swift Sure" Ground Beef Scrap	Frederick	5.50	55.00	**54.32**	10.00	**9.60**	2.00	
"Swift Sure" Ground Meat Scrap	Berlin	4.68	50.00	**51.25**	10.00	**14.25**	2.00	
*"Swift Sure" Ground Meat Scrap	Greensboro	4.30	50.00	**48.03**	10.00	**11.20**	2.00	
"Swift Sure" Ground Meat Scrap	Elkton	5.13	50.00	**49.14**	10.00	**12.43**	2.00	
"Swift Sure" Ground Meat Scrap	Baltimore	5.80	50.00	**51.51**	10.00	**12.00**	2.00	
*"Swift Sure" Ground Meat Scrap	Berlin	5.15	45.00	**43.97**	10.00	**11.05**	2.00	
"Swift Sure" Ground Meat Scrap	Goldsboro	6.73	45.00	**44.63**	10.00	**12.03**	2.00	
"Swift Sure" Digester Tankage	Greensboro	7.38	60.00	**60.81**	4.00	**5.48**	3.00	
D. P. Smelser and Son, New Windsor, Md.								
Pure Bran	New Windsor	9.43	15.00	**16.50**	4.00	**5.30**	10.00	
Pure Middlings	New Windsor	11.53	15.00	**16.85**	3.00	**4.68**	4.00	
Smith Milling Company, Milwaukee, Wis.								
Red Diamond Stock Feed	Cecilton	8.60	10.00	**10.71**	2.50	**2.55**	15.00	2
Spencer Kellogg and Sons, Inc., Buffalo, N. Y.								
Pure Old Process Linseed Meal	Westminster	9.93	34.00	**33.87**	5.00	**5.85**	10.00	
Pure Old Process Linseed Meal	Hagerstown	9.60	34.00	**35.48**	5.00	**5.98**	10.00	
Pure Old Process Linseed Meal	Baltimore	10.00	34.00	**34.05**	5.00	**6.43**	10.00	
Springfield Roller Mills, Sykesville, Md.								
Laying Mash	Sykesville	10.03	17.00	**19.44**	5.00	**6.38**	11.00	
A. E. Staley Manufacturing Company, Decatur, Ill.								
Corn Gluten Feed	Cambridge	8.68	23.00	**24.96**	1.00	**1.83**	8.00	
Standard Milling Company, Clarksburg, W. Va.								
Bran, with Mill Run of Screenings	Oakland	8.00	13.75	**15.09**	4.00	**5.08**	9.25	1
Hen's Delight Scratch Feed	Oakland	11.15	10.00	**10.09**	3.00	**2.55**	3.00	
Middlings	Oakland	9.63	14.75	**12.77**	4.40	**5.15**	9.00	
Star and Crescent Milling Company, Minneapolis, Minn.								
Crescent Wheat Bran, with Ground Wheat Screenings N. Ex. M. R.	Salisbury	10.73	14.00	**14.30**	3.00	**4.95**	12.00	1
Crescent Wheat Flour Middlings	New Windsor	11.65	15.00	**16.50**	3.00	**4.20**	6.00	
Star Wheat Standard Middlings, with Ground Wheat Screenings N. Ex. M. R.	Grantsville	11.50	15.00	**16.50**	4.00	**3.98**	9.50	

* Means deficient in protein or fat. † Means deficient in both protein and fat.

AT FOUND	FIBRE Guaranteed	FIBRE FOUND	INGREDIENTS GUARANTEED	IDENTIFIED
1.43	30.00	28.60	Ground alfalfa	As certified
10.98	5.00	1.83	Meat scrap and bone	As certified
3.24	14.80	10.20	Corn, oats, alfalfa meal, molasses	As certified
12.60	2.00	2.55	Meat scrap and bone	As certified
13.08	2.00	2.78	Meat scrap and bone	As certified
12.43	2.00	2.45	Meat scrap and bone	As certified
9.60	2.00	2.65	Meat scrap and bone	As certified
14.25	2.00	2.53	Meat scrap and bone	As certified
11.20	2.00	2.85	Meat scrap and bone	As certified
12.43	2.00	2.25	Meat scrap and bone	As certified
12.00	2.00	1.88	Meat scrap and bone	As certified
11.05	2.00	2.08	Meat scrap and bone	As certified
12.03	2.00	1.48	Meat scrap and bone	As certified
5.48	3.00	.93	Digester tankage	As certified
5.30	10.00	8.63	Pure wheat bran	As certified
4.68	4.00	4.83	Pure wheat middlings	As certified
2.55	15.00	23.09	Hominy feed, linseed oil meal, wheat bran (with mill run screenings), corn gluten meal, reground oat feed and salt	As certified
5.85	10.00	8.60	Linseed meal	As certified
5.98	10.00	7.93	Linseed meal	As certified
6.43	10.00	7.55	Linseed meal	As certified
6.38	11.00	8.43	Wheat bran, wheat middlings, corn chop, ground oats, beef scrap, alfalfa meal, charcoal, gluten meal and salt	As certified
1.83	8.00	7.30	Corn gluten feed	As certified
5.08	9.25	10.75	Wheat bran, mill run of screenings	As certified
2.55	3.00	2.60	Corn, Kaffir corn, Milo maize, barley, wheat, buckwheat and sunflower seed	As certified
5.15	9.00	6.95	Wheat middlings, containing mill run of screenings with a light corn mixture	As certified
4.95	12.00	10.15	Wheat bran, with screenings N. Ex. M. R.	As certified
4.20	6.00	4.23	Wheat flour middlings	As certified
3.98	9.50	6.65	Wheat standard middlings, with screenings N. Ex. M. R.	As certified

Manufacturer, Address and Name of Feed	Sampled From	Moisture	Protein		Fat		
			Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed
Star Food and Remedy Company, Inc., Washington, D. C.							
Corn Feed Meal	Hyattsville	13.15	9.00	**8.86**	3.00	3.68	3.0
Star Chic-A	Berwyn	10.70	15.00	**16.23**	4.00	4.60	5.0
*Star Chick Scratch	Hyattsville	11.88	10.00	**10.71**	4.00	2.26	4.0
*Star Chick Scratch	Hyattsville	12.70	10.00	**10.26**	4.00	2.48	4.0
Star Scratch Feed	Upper Marlboro	11.15	10.00	**10.00**	4.00	3.54	4.0
*Star Scratch Feed	Berwyn	11.15	10.00	**10.27**	4.00	3.40	4.0
State Mill and Elevator Company, Grand Forks, N. D.							
Dakota Maid Standard Wheat Middlings and Wheat Screenings	Baltimore	10.25	16.10	**16.67**	5.70	5.70	6.1
Dakota Maid Standard Wheat Middlings and Wheat Screenings	Baltimore	12.40	16.10	**16.50**	5.70	6.60	6.1
E. Steen and Brother, Baltimore, Md.							
Golden Goose Brand Corn and Oats Feed	Baltimore	10.73	8.00	**9.13**	3.00	5.23	6.0
Golden Goose Brand Scratch Feed	Lutherville	12.55	10.00	**10.09**	2.50	2.80	6.0
Lord Baltimore Brand Scratch Feed	Baltimore	11.85	9.50	**9.48**	2.50	3.08	5.0
D. A. Stickell and Sons, Hagerstown, Md.							
Blue Ridge Chick Feed	Thurmont	13.45	10.00	**10.53**	2.50	4.18	5.0
*Blue Ridge Dairy Feed	Smithsburg	8.95	21.00	**21.50**	5.50	4.93	13.0
Blue Ridge Egg Mash	Hagerstown	9.18	18.00	**17.47**	3.50	4.48	11.0
Blue Ridge Scratch Grains	Thurmont	13.50	10.00	**10.18**	2.50	2.88	5.0
Intermediate Chick Feed	Thurmont	13.63	10.00	**9.92**	2.50	3.23	5.0
Growing Mash	Chewsville	12.25	16.00	**16.06**	5.00	5.80	7.0
Milk Ration	Hagerstown	8.45	25.00	**26.15**	5.50	5.23	10.0
Stock Feed	Hagerstown	9.15	9.00	**8.86**	3.50	3.13	12.0
Su-Pur Pigeon Feed	Cumberland	11.15	10.00	**14.13**	3.00	2.60	3.0
Su-Pur Scratch Grains	Hagerstown	11.25	10.00	**11.06**	2.50	2.95	5.0
Su-Pur Scratch Grains	Hagerstown	10.95	10.00	**10.71**	2.50	2.93	5.0
Victor Dairy Feed	Greensboro	8.03	18.00	**17.64**	4.50	4.18	13.0
Victor Horse Feed	Westminster	13.32	6.00	**9.20**	2.00	1.97	10.0
Victor Scratch Grains	Hagerstown	10.95	10.00	**10.27**	2.50	3.25	5.0
†Wheat Red Dog Flour	Hancock	10.30	17.00	**14.53**	4.00	3.33	4.0
Zip Dairy Feed	Buck Lodge	8.93	16.00	**16.32**	4.50	3.65	14.0

* Means deficient in protein or fat. † Means deficient in both protein and fat.

Fat		Fibre		INGREDIENTS	
Guaranteed	FOUND	Guaranteed	FOUND	GUARANTEED	IDENTIFIED
3.00	3.68	3.00	**2.28**	A by-product made from corn, corn bran and hulls	As certified
4.00	4.60	5.00	**4.50**	Wheat, wheat middlings, corn meal, meat meal, bone meal, powdered buttermilk, powdered milk	See below (A)
4.00	2.26	4.00	**2.05**	Corn, wheat, Kaffir corn, millet	As certified
4.00	2.48	4.00	**1.60**	Same as above	See below (B)
4.00	3.54	4.00	**3.63**	Corn, wheat, barley, oats, Kaffir corn, buckwheat, sunflower seed	See below (C)
4.00	3.40	4.00	**3.25**	Same as above	As certified
5.70	5.70	6.10	**6.15**	Hard wheat standard middlings and mill run cleaned ground wheat screenings	As certified
5.70	6.60	6.10	**5.85**	Same as above	As certified
3.00	5.23	6.00	**7.37**	Corn and oats	As certified
2.50	2.80	6.00	**3.55**	Wheat, cracked corn, barley, Kaffir corn, buckwheat, sunflower seed	As certified
2.50	3.08	5.00	**3.48**	Wheat, cracked corn, oats, barley, buckwheat, Kaffir corn, sunflower seed	As certified
2.50	4.18	5.00	**2.00**	Oatmeal, wheat, Milo maize, Kaffir corn, Indian corn	See below (D)
5.50	4.93	13.00	**10.03**	Linseed meal, cottonseed meal, corn gluten feed, wheat bran, wheat middlings, oat meal mill by-products (oat shorts, oat middlings, oat hulls), corn meal, hominy feed, calcium carbonate, salt	As certified
3.50	4.48	11.00	**6.65**	Buttermilk, oat meal, bone meal, meat scraps, fish meal, wheat bran, wheat middlings, corn gluten feed, cottonseed meal, hominy feed, corn meal, alfalfa meal, calcium carbonate	As certified
2.50	2.88	5.00	**3.13**	Wheat, buckwheat, barley, Indian corn, Milo maize, Kaffir corn, sunflower seed	See below (E)
2.50	3.23	5.00	**2.20**	Oat groats, wheat, Milo maize, Kaffir corn, Indian corn	As certified
5.00	5.80	7.00	**5.10**	Buttermilk, oat meal, meat scrap, bone meal, linseed meal, wheat bran, flour middlings, hominy feed, corn meal, calcium carbonate	As certified
5.50	5.23	10.00	**9.55**	Linseed meal, cottonseed meal, corn gluten feed, ground oats, ground barley, wheat bran, wheat middlings, hominy feed, corn meal, calcium carbonate, salt	As certified
3.50	3.13	12.00	**11.88**	Hominy feed, corn meal, flour middlings, oat meal mill by-products (oat shorts, oat hulls, oat middlings), calcium carbonate, salt, barley	As certified
3.00	2.60	3.00	**2.68**	Oat meal, hemp seed, field peas, wheat, buckwheat, Milo maize, Kaffir corn	As certified
2.50	2.95	5.00	**3.03**	Wheat, buckwheat, barley, Indian corn, Milo maize, Kaffir corn, sunflower seeds	As certified
2.50	2.93	5.00	**2.78**	Same as above	As certified
4.50	4.18	13.00	**15.89**	Linseed meal, cottonseed meal, wheat bran, wheat middlings, hominy feed, corn meal, oat meal mill by-product (oat shorts, oat hulls, oat middlings), calcium carbonate, salt	As certified
2.00	1.97	10.00	**8.89**	Corn, oats, alfalfa, oat meal mill by-products (oat middlings, oat shorts, oat hulls), molasses, salt	As certified
2.50	3.25	5.00	**3.20**	Wheat, buckwheat, barley, Milo maize, Kaffir corn, Indian corn	As certified
4.00	3.33	4.00	**4.33**	Wheat Red Dog flour	See below (F)
4.50	3.65	14.00	**15.93**	Linseed meal, cottonseed meal, corn gluten feed, wheat bran, wheat middlings, corn meal, hominy feed, oat meal mill by-products (oat shorts, oat hulls, oat middlings), calcium carbonate, salt	As certified

(A) Also detected alfalfa and oat hulls.
(B) Unable to detect millet.
(C) Unable to detect sunflower seed.
(D) Also detected weed seeds.
(E) Also detected oats and weed seeds.
(F) Detected wheat standard middlings and low grade flour.

Manufacturer, Address and Name of Feed	Sampled From	Moisture	Protein		Fat	
			Guaranteed	FOUND	Guaranteed	FOUND
Stokes Milling Company, Watertown, S. D.						
Wheat Bran, with Ground Screenings, N. Ex. M. R.	Motters	7.68	14.10	**15.62**	4.50	**5.88**
Wheat Bran, with Ground Screenings, N. Ex. M. R.	Hagerstown	7.85	14.10	**15.27**	4.50	**5.63**
Charles M. Struven and Company, Baltimore, Md.						
Fish Meal	Baltimore	8.48	55.00	**65.29**	4.00	**5.10**
Fish Meal	Baltimore	6.53	55.00	**55.02**	4.00	**6.75**
Fish Meal	Cambridge	7.35	55.00	**57.35**	4.00	**12.60**
Pure Ground Meat Scraps	Salisbury	7.05	50.00	**50.28**	5.00	**10.13**
Pure Ground Meat Scraps	Baltimore	7.08	50.00	**54.50**	5.00	**11.28**
Suffolk Oil Mill, Suffolk, Va.						
Peanut Meal	Fallston	6.25	41.00	**41.07**	6.00	**6.83**
Peanut Meal	Cambridge	4.43	41.00	**40.81**	6.00	**9.50**
Peanut Meal	Baltimore	5.28	41.00	**41.16**	6.00	**8.13**
Peanut Meal	Baltimore	5.43	41.00	**41.59**	6.00	**9.30**
*Peanut Meal	Bel Air	6.30	41.00	**38.26**	6.00	**8.53**
Peanut Meal	Forest Hill	5.05	41.00	**42.03**	6.00	**6.63**
Swift and Company, Chicago, Ill.						
Fifty-Five Meat and Bone Scraps	Maugansville	7.78	55.00	**55.02**	6.00	**10.53**
Fifty-Five Meat and Bone Scraps	Hagerstown	5.93	55.00	**54.63**	6.00	**10.48**
Fifty-Five Meat and Bone Scraps	Westminster	7.30	55.00	**54.28**	6.00	**11.95**
Fifty-Five Meat and Bone Scraps	Westminster	8.05	55.00	**54.93**	6.00	**13.80**
Gromeal for Hogs	Chewsville	5.93	50.00	**54.14**	3.00	**9.43**
Laymore Meat and Bone Scraps	Hagerstown	5.68	45.00	**45.37**	6.00	**11.55**
Laymore Meat and Bone Scraps	Smithsburg	5.45	45.00	**46.33**	6.00	**13.15**
Laymore Meat and Bone Scraps	Maugansville	6.38	45.00	**44.73**	6.00	**12.43**
Taneytown Reduction Plant, Taneytown, Md.						
Tankage	Taneytown	6.25	38.00	**38.26**	15.00	**18.70**
Tennant & Hoyt Co., Lake City, Minn.						
Golden Leaf Feed Wheat Middlings, with ground screenings, N. Ex. M. R.	Westminster	10.05	16.00	**16.58**	5.00	**5.83**
Wheat Bran, with Ground Screenings, N. Ex. M. R.	Lutherville	11.15	15.00	**14.13**	4.00	**6.35**
Thomas-Boyce Feed Company, Attica, N. Y.						
Direct Dairy Feed	Baltimore	13.12	24.00	**23.30**	4.50	**4.35**
*Direct Dairy Feed	Baltimore	10.88	24.00	**22.64**	4.50	**4.15**
Direct Egg Mash, with Milk	Baltimore	10.80	20.00	**19.29**	4.00	**5.83**
Direct Intermediate Chick Feed	Baltimore	12.60	10.00	**10.71**	2.00	**2.68**
Direct Scratch Feed	Baltimore	13.10	10.00	**10.27**	2.50	**2.68**
Direct Starting and Growing Mash, with Milk	Baltimore	11.23	17.00	**19.84**	4.00	**5.70**
Direct Stock Feed	Baltimore	11.25	10.00	**13.52**	4.00	**5.43**

* Means deficient in protein or fat. † Means deficient in both protein and fat.

Fibre		INGREDIENTS	
Guaranteed	FOUND	GUARANTEED	IDENTIFIED
12.30	**10.95**	Wheat bran, with ground screenings, N. Ex. M. R.	As certified
12.30	**4.78**	Wheat bran, with ground screenings, N. Ex M. R.	As certified
2.00	**2.67**	Pure ground fish meal	As certified
2.00	**.78**	Same as above	As certified
2.00	**.90**	Same as above	As certified
5.00	**1.80**	Meat and bone, cooked and dried	As certified
5.00	**2.00**	Same as above	As certified
15.00	**4.73**	Shelled peanuts	As certified
15.00	**7.15**	Same as above	As certified
15.00	**5.28**	Same as above	As certified
15.00	**5.97**	Same as above	As certified
15.00	**7.28**	Same as above	As certified
15.00	**5.80**	Same as above	As certified
3.00	**2.63**	Meat and bone residues	As certified
3.00	**2.75**	Same as above	As certified
3.00	**2.58**	Same as above	As certified
3.00	**3.05**	Same as above	As certified
5.00	**1.98**	Meat and bone residues	As certified
3.00	**2.35**	Same as above	As certified
3.00	**2.15**	Same as above	As certified
3.00	**2.13**	Same as above	See below (A)
4.00	**2.55**		As certified
8.00	**7.58**		As certified
11.00	**10.95**		As certified
10.00	**9.08**	Linseed oil meal, cottonseed meal, corn gluten feed, corn meal, wheat bran, wheat middlings (may or may not contain mill run screenings), salt	As certified
10.00	**9.43**	Same as above	See below (B)
7.00	**7.70**	Dried milk, fish meal, granulated meat, wheat flour middlings, wheat bran, ground barley, corn meal, corn gluten feed, linseed oil meal, salt	As certified
5.00	**3.03**	Wheat, cracked barley, cracked corn, buckwheat and oat groats	As certified
5.00	**3.20**	Wheat, corn, barley, buckwheat, sunflower seed	As certified
7.00	**6.38**	Dried milk, fish meal, granulated meat, oat meal, corn meal, ground barley, wheat bran, wheat flour middlings, linseed oil meal, calcium carbonate and salt	As certified
12.00	**10.20**	Linseed oil meal, ground oats, ground corn, hominy feed, oat middlings, oat hulls, oat shorts, wheat middlings (may or may not contain mill run screenings), calcium carbonate, salt	As certified

(A) Also detected horn and hoof.
(B) Also detected oat hulls.

Manufacturer, Address and Name of Feed	Sampled From	Moisture	Protein		Fat		Fibre	
			Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
Thomas-Boyce Feed Company, Attica, N. Y.—Cont.								
Fair Play Egg Mash	Baltimore	11.20	17.00	17.55	3.00	5.40	10.00	8.35
Fair Play Scratch Feed	Baltimore	13.40	10.00	9.65	2.50	2.40	5.00	3.10
Servus Chick Feed	Baltimore	13.98	10.00	10.00	2.00	1.60	5.00	1.55
Servus Egg Mash, with Milk	Baltimore	12.30	18.00	19.22	4.00	4.15	8.00	6.55
Thomas and Company, Frederick, Md.								
Dairy Feed	Frederick	10.63	16.50	16.41	2.00	5.85	14.00	12.15
Dairy Feed	Frederick	10.17	16.50	16.47	2.00	2.24	14.00	10.73
Victory Feed	Frederick	9.45	24.00	28.39	3.00	4.03	14.00	10.50
Victory Feed	Gaithersburg	7.90	24.00	27.02	3.00	4.08	14.00	12.65
Thompson Milling Company, Lockport, N. Y.								
Angelus Wheat Middlings, with Ground Screenings N. Ex. M. R.	Parkton	11.80	15.50	16.94	4.50	5.73	7.00	6.85
Three Minute Cereals Co., The Corno Mills Company, Prop., Cedar Rapids, Iowa.								
*Corno Hygrade Oat Feed	Boyds	7.43	14.00	12.95	4.00	4.60	18.00	16.55
Toledo Grain and Milling Company, Toledo, Ohio								
Camp's Red Ball Chick Food	Baltimore	12.50	10.00	10.71	2.50	2.68	5.00	1.83
Camp's Red Ball Egg Mash	Baltimore	11.38	16.00	16.67	3.50	3.88	7.50	5.85
Camp's Red Ball Scratch Feed	Baltimore	11.65	10.00	10.35	2.50	2.70	5.00	3.48
Camp's Cloverdale Dairy Ration	Baltimore	10.23	20.00	19.27	4.00	4.78	9.00	9.08
Traders Feed and Grain Company, Inc., Buffalo, N. Y.								
Bonny White Middlings	Frederick	11.10	16.00	16.85	4.00	4.35	6.00	4.75
Bonny White Middlings	Frederick	11.78	16.00	16.50	4.00	4.23	6.00	3.88
Wheat Bran	Frederick	7.70	15.00	15.71	3.50	5.83	11.50	11.15
Rex Wheat Bran, with Screenings N.Ex.M.R.	Baltimore	10.55	15.00	14.92	3.50	5.30	11.50	9.58
Transit Milling Company, Cincinnati, Ohio								
*Derby Horse and Mule Feed	Baltimore	11.80	10.00	8.43	2.00	2.37	15.00	14.10
Egg Mash	Baltimore	11.50	20.00	20.01	4.00	4.48	7.00	6.38
Fancy Horse and Mule Feed	Baltimore	13.75	10.00	9.48	3.00	3.19	10.00	7.65
Greenboy Horse and Mule Feed	Baltimore	12.82	10.00	9.86	2.50	2.70	12.00	11.90
Oat Hulls	Baltimore	11.08	7.50	10.44	2.00	3.20	26.00	20.00
Queen City Horse and Mule Feed	Baltimore	12.40	9.50	9.37	2.50	3.12	12.00	10.05
Washington Special Horse and Mule Feed	Baltimore	10.65	10.00	9.53	3.00	2.65	12.00	10.84

* Means deficient in protein or fat. † Means deficient in both protein and fat.

(A) Also d
(B) Also d

FIBRE Guaranteed	FIBRE FOUND	INGREDIENTS GUARANTEED	INGREDIENTS IDENTIFIED
10.00	**8.35**	Granulated meat, linseed oil meal, corn meal, wheat bran, wheat middlings, alfalfa meal, ground oats, ground barley, calcium carbonate, salt	As certified
5.00	**3.10**	Wheat, corn, barley, buckwheat, sunflower seed, oats	As certified
5.00	**1.55**	Cracked wheat, cracked barley, cracked corn and steel cut oats.	As certified
8.00	**6.55**	Dried milk, fish meal, granulated meat, corn gluten feed, wheat bran, wheat middlings, corn meal, ground barley, linseed oil meal and salt	As certified
14.00	**12.15**	Cotton seed meal, cane molasses, corn gluten feed, old process oil meal, oat hulls, oat shorts, oat middlings, hominy feed and corn	As certified
14.00	**10.73**	Same as above	As certified
14.00	**10.50**	Gluten meal, cotton seed meal, hominy feed, cane molasses, soy bean meal, dried grains, oat hulls, oat middlings, oat shorts, salt	As certified
14.00	**12.65**	Same as above	As certified
7.00	**6.85**	Hard wheat middlings and ground screenings not exceeding mill run	As certified
18.00	**16.55**	Oat meal mill by-product, oat middlings, oat shorts and oat hulls	As certified
5.00	**1.83**	Cracked corn, cracked Kaffir corn, cracked wheat, cut oat meal, millet seed, sprinkling of flax seed	As certified
7.50	**5.85**	Wheat bran, corn meal, ground wheat, middlings, gluten feed, fine alfalfa meal, beef scraps, linseed oil meal, charcoal and milk albumen	As certified
5.00	**3.48**	Cracked corn, whole wheat, Kaffir corn, barley, oats, buckwheat and sunflower seed	As certified
9.00	**9.08**	Corn meal, wheat bran, ground barley, ground oats, old process linseed oil meal, cotton seed meal, gluten feed and ½ of 1% salt	As certified
6.00	**4.75**	Wheat middlings	As certified
6.00	**3.88**	Same as above	As certified
11.50	**11.15**	Wheat bran	As certified
11.50	**9.58**	Wheat bran, with screenings N. Ex. M. R.	As certified
15.00	**14.10**	Cracked corn, oat feed, oat by-product, molasses, rolled oats, cotton seed meal, alfalfa meal	See below (A)
7.00	**6.38**	Corn feed meal, wheat middlings, flour middlings, ground oats, ground barley, meat scraps, soy bean meal, linseed oil meal, dried buttermilk and fine ground alfalfa meal	As certified
10.00	**7.65**	Cracked corn, rolled oats and barley, alfalfa meal, molasses	As certified
12.00	**11.90**	Cracked corn, rolled oats and barley, alfalfa meal and molasses	See below (A)
26.00	**20.00**	Oat by-products	See below (B)
12.00	**10.05**	Cracked corn, rolled oats and barley, alfalfa meal, oat clips and molasses	See below (A)
12.00	**10.84**	Cracked corn, rolled oats, rolled barley, oat screenings, alfalfa meal and molasses	As certified

(A) Also detected weed seed.
(B) Also detected weed seed, chaff, etc.

Manufacturer, Address and Name of Feed	Sampled From	Moisture	Protein		Fat	
			Guaranteed	FOUND	Guaranteed	FOUND
Ubiko Milling Company, Cincinnati, Ohio						
Egg Mash, with BM	Walkersville	9.18	20.00	**21.67**	4.00	**4.43**
"Union Grains" Ubiko Biles Ready Dairy Ration	Hagerstown	8.88	24.00	**24.92**	5.00	**4.70**
"Union Grains" Ubiko Biles Ready Dairy Ration	Chestertown	9.18	24.00	**23.69**	5.00	**5.35**
United Mills Corporation, Grafton, Ohio						
Grafton Wheat Bran, with Ground Screenings N. Ex. M. R.	Chewsville	10.43	15.00	**15.09**	4.00	**5.45**
Grafton Wheat Middlings, with Ground Screenings N. Ex. M. R.	Chewsville	12.28	16.50	**16.67**	5.00	**6.23**
Van Iderstine Company, Long Island City, N. Y.						
Vico Digester Tankage for Hogs	Cumberland	6.75	50.00	**51.95**	1.00	**11.43**
Vico Quality Scraps for Poultry	Baltimore	6.70	50.00	**52.26**	5.00	**11.95**
Wabasha Roller Mill Company, Wabasha, Minn.						
Big Jo Pure Wheat Bran	Westminster	7.70	14.10	**15.62**	4.30	**6.38**
Washburn Crosby Company, Minneapolis, Minn.						
Eventually Gold Medal Chick Mash	Cumberland	8.65	18.00	**17.16**	4.00	**5.75**
Eventually Gold Medal Hard Wheat Standard Middlings and Wheat Screenings	Laurel	11.75	15.00	**16.14**	4.00	**5.63**
Eventually Gold Medal Hard Wheat Standard Middlings and Wheat Screenings	Baltimore	11.45	15.00	**16.15**	4.00	**6.38**
Eventually Gold Medal Pure Hard Wheat Adrian Red Dog	Laurel	11.78	16.00	**16.23**	4.00	**3.59**
Eventually Gold Medal Scratch Feed, N. G.	Owings Mills	12.08	10.00	**10.79**	3.00	**3.00**
Eventually Gold Medal Vitamin Dairy Rat.	Grantsville	8.88	20.00	**19.83**	5.00	**6.20**
Eventually Gold Medal Vitamin Egg Mash	Cumberland	10.95	20.00	**21.76**	5.50	**5.18**
North Star Dairy Ration, with Molasses	Cumberland	10.83	16.00	**17.46**	5.00	**7.24**
North Star Scratch Feed, N. G.	Grantsville	11.45	10.00	**10.71**	2.50	**2.43**
Utility Scratch Feed, N. G.	Owings Mills	12.75	9.50	**10.97**	2.50	**2.70**
Watervale Roller Mills, Vale, Md.						
Pure Wheat Bran	Vale	9.25	14.00	**14.83**	3.50	**5.18**
Pure Wheat Bran	Vale	11.98	14.00	**15.36**	3.50	**3.98**
Pure Wheat Middlings	Vale	12.50	14.00	**16.06**	3.50	**4.75**
Pure Wheat Middlings	Vale	11.95	14.00	**16.23**	3.50	**4.75**

* Means deficient in protein or fat. † Means deficient in both protein and fat.

FAT FOUND	FIBRE Guaranteed	FIBRE FOUND	INGREDIENTS GUARANTEED	IDENTIFIED
4.43	6.00	5.45	Meat scrap, bone meal, corn meal, wheat bran, white wheat middlings, whole ground oats, corn gluten feed, O. P. linseed meal, dried buttermilk, ½% salt	As certified
4.70	10.00	10.45	Corn distillers' dried grains, choice cottonseed meal, old process linseed meal, white wheat middlings, wheat bran, hominy feed, corn gluten feed, brewers' dried grains, ½% fine table salt	As certified
5.35	10.00	9.33	Same as above	As certified
5.45	10.00	9.63	Wheat bran with ground screenings not exceeding mill run	As certified
6.23	7.50	5.70	Wheat middlings, with ground screenings not exceeding mill run	As certified
11.43	3.50	5.75	Animal products	As certified
11.95	3.00	2.90	Animal products	As certified
6.38	13.10	10.43	Pure wheat bran	As certified
5.75	5.00	5.63	Dried buttermilk, sifted meat scraps, corn feed meal, wheat middlings, oat flour, corn oil cake meal, fine ground alfalfa meal, calcium carbonate 2%, bone meal 2%	As certified
5.63	9.50	7.65	Hard wheat standard middlings and mill run cleaned ground wheat screenings	As certified
6.38	9.50	8.20	Same as above	As certified
3.59	4.00	1.63	Pure hard wheat	As certified
3.00	4.00	2.72	Cracked corn, wheat, buckwheat, barley, sunflower 1%, Kaffir and Milo	As certified
6.20	8.50	8.75	Wheat germ (embryo), linseed oil meal, cottonseed meal, corn gluten feed, ground corn, ground oats, ground barley, wheat bran, wheat middlings and ground wheat screenings, wheat Red Dog, wheat second clear, calcium carbonate (lime) 1%, salt 1%, bone meal 1%	As certified
5.18	8.50	6.65	Wheat germ (embryo), sifted meat scraps, corn gluten feed, linseed oil meal, alfalfa meal, corn feed meal, fine ground oat meal, wheat bran, wheat middlings, wheat Red Dog, fine ground bone meal ½ of 1%, calcium carbonate (lime) ½ of 1%, salt ½ of 1%	As certified
7.24	12.00	14.13	Pure old process linseed oil meal, cottonseed meal, corn gluten feed, wheat bran, molasses, ground wheat and flax screenings, salt 1%, calcium carbonate (lime) 1%	As certified
2.43	5.00	2.95	Cracked corn, buckwheat, barley, wheat, sunflower ½ of 1%, Kaffir and Milo	As certified
2.70	5.00	3.08	Cracked corn, buckwheat, barley, wheat, Kaffir and Milo, sunflower ½ of 1%	As certified
5.18	9.00	8.38	Pure wheat bran	As certified
3.98	9.00	7.78	Pure wheat bran	As certified
4.75	5.00	4.70	Pure wheat middlings	As certified
4.75	5.00	6.03	Pure wheat middlings	As certified

Manufacturer, Address and Name of Feed	Sampled From	Moisture	Protein		Fat		Fibre	
			Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
C. B. Watkins and Company, Baltimore, Md.								
Foxhall Hog Feed	Baltimore	11.55	15.25	**17.99**	2.98	4.65	7.33	**8.00**
Foxhall Laying Mash	Baltimore	11.43	20.00	**21.06**	4.85	5.40	8.25	**7.73**
Peerless Chick Feed	Baltimore	12.55	10.00	**10.44**	2.50	4.25	5.00	**2.65**
F. S. Wertz and Son, Reading, Pa.								
Alfalfa-Molasses Horse and Mule Feed	E. New Market	14.40	9.00	**10.45**	2.00	3.92	10.00	**8.15**
Alfalfa-Molasses Horse and Mule Feed	Salisbury	11.80	9.00	**9.84**	2.00	4.42	10.00	**7.36**
Corn Feed Meal	Salisbury	13.70	7.50	**7.90**	4.00	3.25	4.80	**2.28**
*Dairy Feed, 24%	Federalsburg	10.20	24.00	**23.87**	5.00	3.21	12.00	**9.15**
Laying Mash, with Alfalfa	Salisbury	10.55	19.00	**20.53**	4.00	4.85	10.00	**9.78**
Mixed Grains for Poultry	Salisbury	12.98	10.00	**10.35**	3.00	2.90	4.00	**3.20**
*Poultry Fattening Feed	Federalsburg	10.98	14.00	**14.74**	5.00	4.20	4.50	**3.00**
D. S. Weybright, Thurmont, Md.								
Laying Mash, with BM	Thurmont	9.70	20.00	**23.87**	4.50	4.98	12.00	**5.35**
Wilkins-Rogers Milling Company, Inc., Washington, D. C.								
Grassy Mead Dairy Feed	Gaithersburg	7.88	26.00	**25.89**	5.00	4.98	9.00	**9.15**
*Producer Scratch Feed	Gaithersburg	12.28	10.00	**10.09**	3.50	2.58	4.00	**3.08**
Pure Wheat Middlings	Frederick	10.28	15.50	**16.23**	4.00	4.80	7.00	**4.35**
Red Hen Intermediate Scratch Feed	Buck Lodge	12.80	10.00	**9.44**	3.00	2.53	3.00	**2.00**
Red Hen Baby Chick Feed	Germantown	12.65	10.00	**10.62**	3.50	3.50	4.00	**2.38**
Red Hen Egg Mash	Silver Springs	9.88	22.00	**23.87**	5.00	6.55	9.00	**6.53**
Red Hen Scratch Feed	Silver Springs	13.33	10.00	**10.09**	3.50	3.13	4.00	**2.98**
Red Raven 85 Horse Feed	Germantown	10.75	8.00	**10.67**	3.00	3.90	10.00	**9.70**
R. B. Wyand, Chewsville, Md.								
Thrivont Laying Mash	Chewsville	10.28	19.00	**20.18**	5.00	5.15	8.00	**9.53**
A. K. Zinn and Company, Battle Creek, Mich.								
Michigan State Ration No. 3	Frederick	8.58	24.00	**24.57**	5.00	5.10	9.00	**9.00**
J. Frank Zortman, Goldsboro, Pa.								
P'd. by Owings Brothers, York, Pa.								
June Bug Cane Molasses Dairy Feed	Parkton	11.63	16.00	**15.97**	3.50	4.33	12.00	**12.93**

* Means deficient in protein or fat. † Means deficient in both protein and fat.

(A) Unabl
(B) Unabl

FAT FOUND	FIBRE Guaranteed	FIBRE FOUND	INGREDIENTS GUARANTEED	IDENTIFIED
4.65	7.33	**8.00**	Corn chop, ground oats, wheat white middlings, wheat bran, alfalfa meal, fish meal, linseed meal, salt, charcoal, powdered sulphur, calcium carbonate	As certified
5.40	8.25	**7.73**	Corn chop, wheat middlings, wheat bran, alfalfa meal, meat scrap, linseed meal, dried buttermilk, salt, charcoal, oat flour	As certified
4.25	5.00	**2.65**	Cracked wheat, cracked corn, millet seed	As certified
3.92	10.00	**8.15**	Crushed oats, cracked corn, alfalfa, molasses	As certified
4.42	10.00	**7.36**	Same as above	As certified
3.25	4.80	**2.28**	Recleaned cracked corn	As certified
3.21	12.00	**9.15**	Corn gluten feed, linseed meal O. P., cotton seed meal, corn feed meal, alfalfa meal, cane molasses, salt	As certified
4.85	10.00	**9.78**	Gluten feed, wheat bran, wheat middlings, corn feed meal, alfalfa meal, beef scrap, salt, charcoal	As certified
2.90	4.00	**3.20**	Cracked corn, barley, Kaffir corn, wheat, buckwheat, sunflower seed	As certified
4.20	4.50	**3.00**	Corn feed meal, wheat middlings, ground whole oats, beef scrap, bone meal, rolled oats, ½ of 1% salt	See below (A)
4.98	12.00	**5.35**	Wheat middlings, beef scrap, fish meal, wheat bran, gluten feed, buttermilk, corn chop, oat chop	As certified
4.98	9.00	**9.15**	Wheat bran, corn gluten feed, corn feed meal, ground oats, cotton-seed meal, peanut cake meal, linseed oil meal, dried beet pulp, 1% salt, calcium carbonate	As certified
2.58	4.00	**3.08**	Cracked corn, buckwheat, barley, wheat screenings, sunflower seed	See below (B)
4.80	7.00	**4.35**	Pure wheat middlings	As certified
2.53	3.00	**2.00**	Wheat, cracked corn, Kaffir corn, buckwheat	As certified
3.50	4.00	**2.38**	Cracked wheat, cracked corn, millet	As certified
6.55	9.00	**6.53**	Peanut meal, meat meal, alfalfa meal, fish meal, corn meal, wheat middlings, wheat bran, old process linseed meal, ground oats, gluten, ½ of 1% salt, calcium carbonate	As certified
3.13	4.00	**2.98**	Cracked corn, wheat, Milo maize, Kaffir corn, barley, buckwheat, sunflower seed 1%	As certified
3.90	10.00	**9.70**	Cracked corn, crimped oats, alfalfa meal, cane molasses, ½% salt	As certified
5.15	8.00	**9.53**	Wheat bran, wheat middlings, beef scrap, corn meal, gluten, oil meal, alfalfa meal, ground oats, charcoal, salt	As certified
5.10	9.00	**9.00**	34% old process oil meal, brewers' dried grains, corn gluten feed, 43% cottonseed meal, wheat bran, hominy feed, ground oats, standard middlings, steamed bone meal, calcium carbonate and salt	As certified
4.3	12.00	**12.93**	Brewers' grains, ground screening, meal, wheat middlings, oil meal, wheat bran, beet pulp, dried yeast grains, malt sprouts, cotton-seed meal, gluten feed, pure cane molasses and ½ of 1% salt	As certified

(A) Unable to detect ground whole oats.
(B) Unable to detect sunflower seed.